

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080568.D
 Acq On : 21 Dec 2023 13:05
 Operator : JC\MD
 Sample : VN1221MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 03:58:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	302489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	490237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	411849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	201839	52.243	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.480%	
35) Dibromofluoromethane	8.165	113	158032	50.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.680%	
50) Toluene-d8	10.571	98	577229	49.794	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.847	95	209351	47.559	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	67659	17.503	ug/l	98
3) Chloromethane	2.360	50	62436	15.154	ug/l	96
4) Vinyl Chloride	2.518	62	53221	16.122	ug/l	99
5) Bromomethane	2.965	94	26697	17.937	ug/l	94
6) Chloroethane	3.124	64	34492	16.260	ug/l	94
7) Trichlorofluoromethane	3.501	101	114498	17.100	ug/l	96
8) Diethyl Ether	3.959	74	39061	18.521	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	57774	18.204	ug/l	95
10) Methyl Iodide	4.589	142	41072	14.713	ug/l #	88
11) Tert butyl alcohol	5.518	59	41413	91.015	ug/l	99
12) 1,1-Dichloroethene	4.342	96	56252	17.299	ug/l	89
13) Acrolein	4.171	56	55002	110.379	ug/l	96
14) Allyl chloride	5.018	41	71419	17.751	ug/l	98
15) Acrylonitrile	5.718	53	133587	103.906	ug/l	98
16) Acetone	4.424	43	82369	120.240	ug/l	98
17) Carbon Disulfide	4.718	76	146153	15.859	ug/l	97
18) Methyl Acetate	5.018	43	96108	21.804	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	208340	19.203	ug/l	98
20) Methylene Chloride	5.277	84	67507	18.414	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	62154	17.628	ug/l	90
22) Diisopropyl ether	6.671	45	176669	20.345	ug/l	95
23) Vinyl Acetate	6.600	43	435000	87.222	ug/l	94
24) 1,1-Dichloroethane	6.565	63	112449	18.561	ug/l	99
25) 2-Butanone	7.483	43	138137	104.675	ug/l	95
26) 2,2-Dichloropropane	7.494	77	101919	16.452	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	71006	17.791	ug/l	91
28) Bromochloromethane	7.812	49	48764	20.964	ug/l	96
29) Tetrahydrofuran	7.836	42	93835	99.297	ug/l	91
30) Chloroform	7.965	83	128237	19.069	ug/l	93
31) Cyclohexane	8.259	56	87335	16.623	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	119123	18.092	ug/l	95
36) 1,1-Dichloropropene	8.371	75	88273	17.369	ug/l	97
37) Ethyl Acetate	7.559	43	57027	17.919	ug/l	99
38) Carbon Tetrachloride	8.359	117	103924	17.113	ug/l	90
39) Methylcyclohexane	9.600	83	81570	15.450	ug/l	91
40) Benzene	8.606	78	265130	18.066	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36486	19.886	ug/l	93
42) 1,2-Dichloroethane	8.671	62	98367	18.100	ug/l	100
43) Isopropyl Acetate	8.688	43	108464	18.955	ug/l	96
44) Trichloroethene	9.353	130	69907	17.669	ug/l	97
45) 1,2-Dichloropropane	9.618	63	64670	18.762	ug/l	95
46) Dibromomethane	9.706	93	45694	18.460	ug/l	90
47) Bromodichloromethane	9.888	83	99265	18.711	ug/l	97
48) Methyl methacrylate	9.683	41	61481	18.004	ug/l	91
49) 1,4-Dioxane	9.694	88	17393	336.038	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	300715	95.420	ug/l	100
52) Toluene	10.630	92	167088	18.022	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	102575	17.871	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	108919	17.753	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	66980	20.078	ug/l	98
56) Ethyl methacrylate	10.877	69	64842	17.556	ug/l	89
57) 1,3-Dichloropropane	11.165	76	112734	19.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	192298	82.473	ug/l	97
59) 2-Hexanone	11.194	43	227570	97.813	ug/l	98
60) Dibromochloromethane	11.359	129	74148	18.757	ug/l	98
61) 1,2-Dibromoethane	11.471	107	64555	18.697	ug/l	98
64) Tetrachloroethene	11.106	164	56407	17.739	ug/l	97
65) Chlorobenzene	11.894	112	170754	18.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	68364	19.017	ug/l	96
67) Ethyl Benzene	11.965	91	300387	17.831	ug/l	95
68) m/p-Xylenes	12.071	106	226156	36.330	ug/l	91
69) o-Xylene	12.400	106	108334	17.793	ug/l	90
70) Styrene	12.412	104	165905	18.916	ug/l	95
71) Bromoform	12.582	173	46615	17.781	ug/l #	99
73) Isopropylbenzene	12.694	105	275386	18.476	ug/l	98
74) N-amyl acetate	12.494	43	86548	19.885	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	81412	20.384	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	108773	29.387	ug/l	79
77) Bromobenzene	12.982	156	69403	18.929	ug/l	98
78) n-propylbenzene	13.035	91	305962	18.618	ug/l	99
79) 2-Chlorotoluene	13.124	91	202368	18.862	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	241156	18.786	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	26166	18.561	ug/l	93
82) 4-Chlorotoluene	13.224	91	206393	18.716	ug/l	95
83) tert-Butylbenzene	13.441	119	186793	17.768	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	231530	18.130	ug/l	99
85) sec-Butylbenzene	13.618	105	240815	17.907	ug/l	99
86) p-Isopropyltoluene	13.729	119	218698	18.011	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	115470	17.874	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	114196	17.512	ug/l	95
89) n-Butylbenzene	14.059	91	175567	17.314	ug/l	98
90) Hexachloroethane	14.335	117	35321	18.316	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	112412	18.325	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	16592	19.750	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	65030	19.093	ug/l	98
94) Hexachlorobutadiene	15.506	225	32370	16.694	ug/l	99
95) Naphthalene	15.641	128	195474	18.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	60958	18.547	ug/l	96

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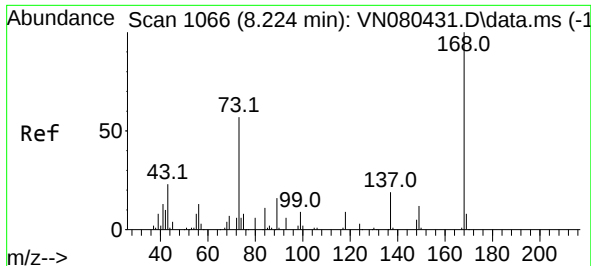
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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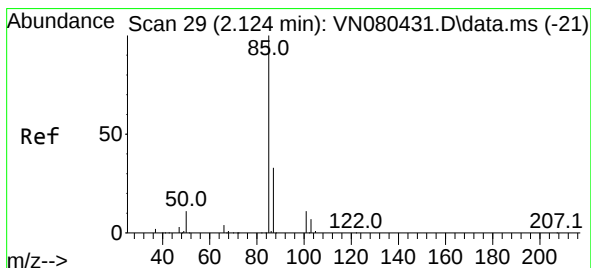
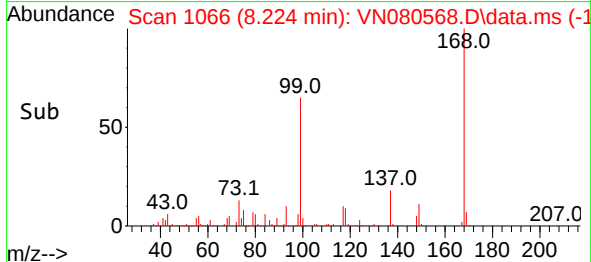
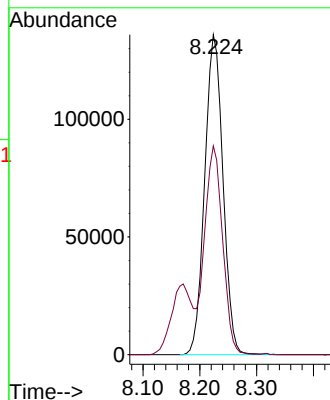
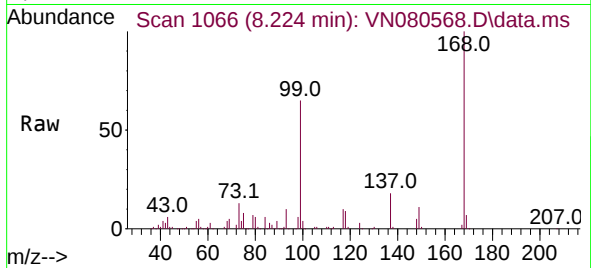




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080568.D
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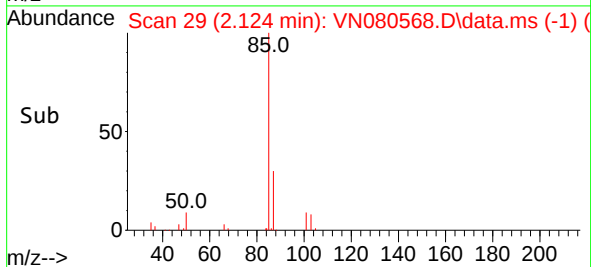
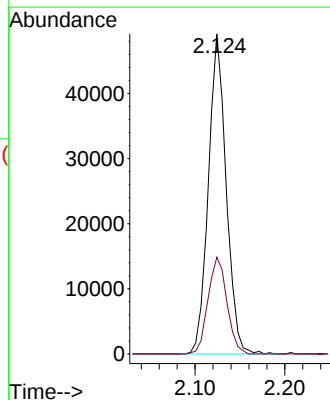
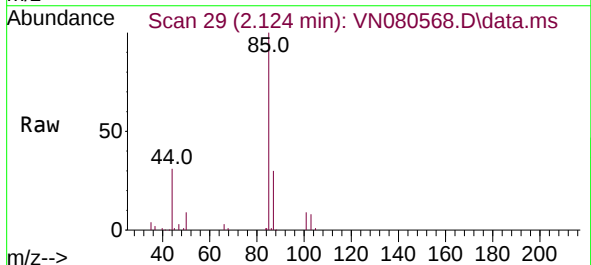
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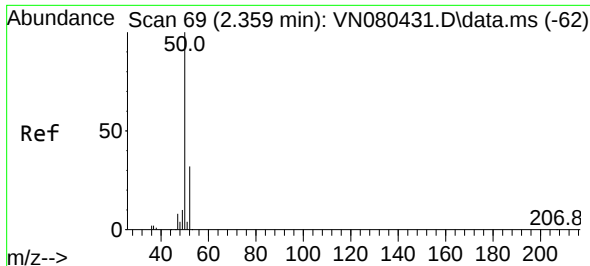
Tgt Ion:168 Resp: 302489
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 17.503 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 85 Resp: 67659
Ion Ratio Lower Upper
85 100
87 30.2 15.8 47.4

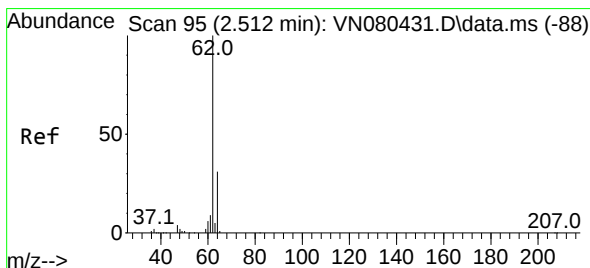
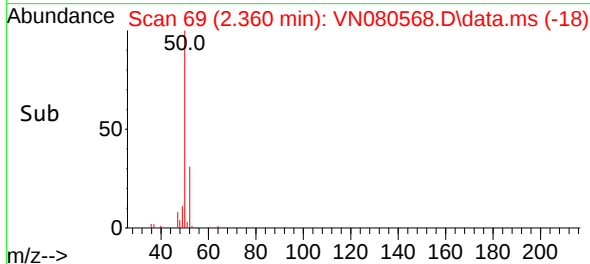
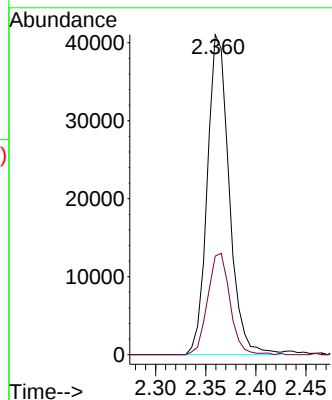
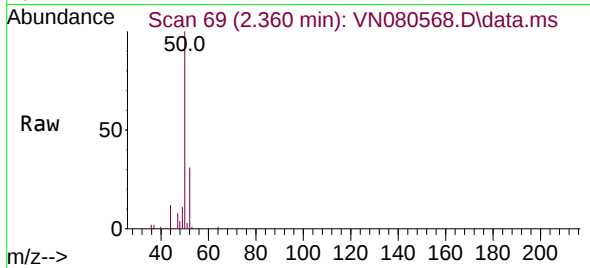




#3
Chloromethane
Concen: 15.154 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

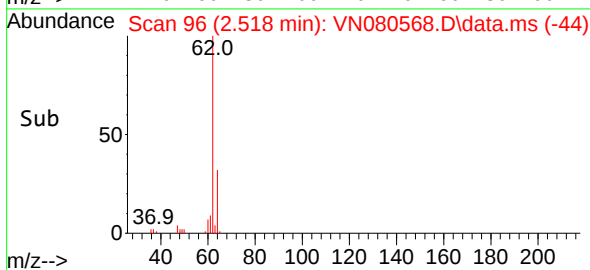
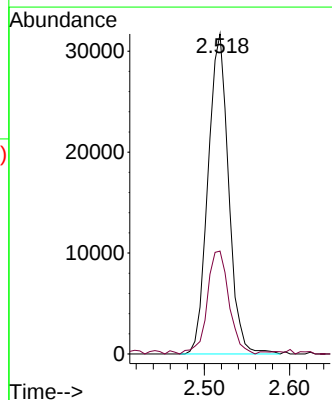
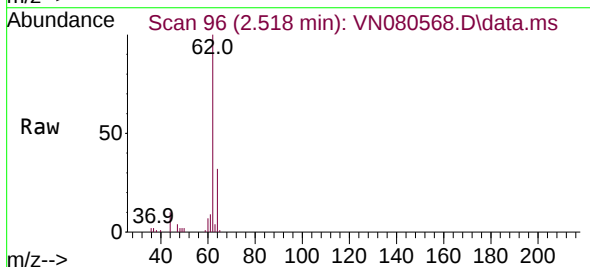
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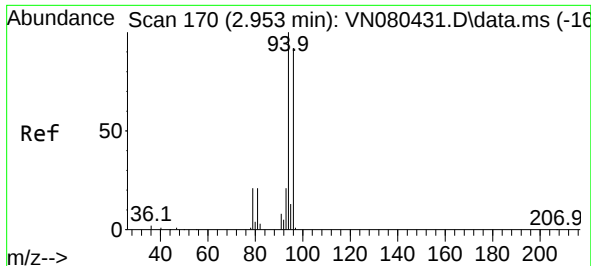
Tgt Ion: 50 Resp: 62436
Ion Ratio Lower Upper
50 100
52 30.8 26.5 39.7



#4
Vinyl Chloride
Concen: 16.122 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 62 Resp: 53221
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2

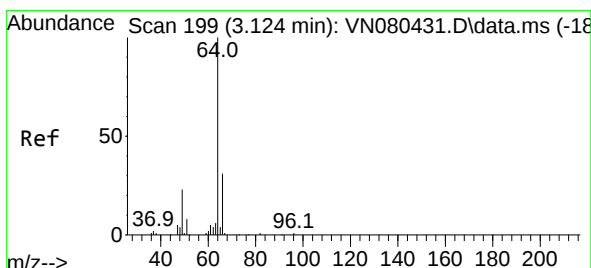
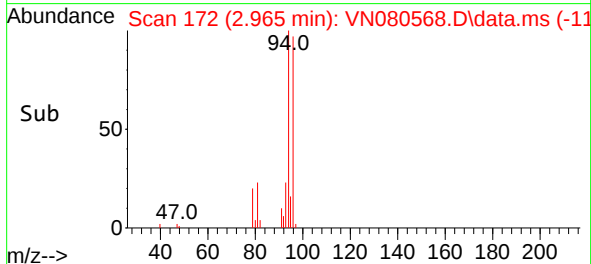
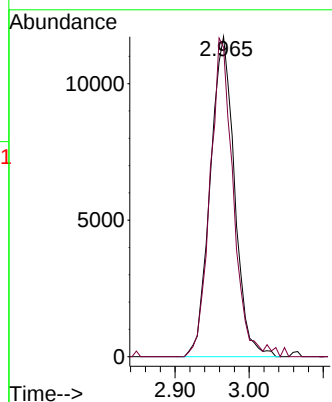
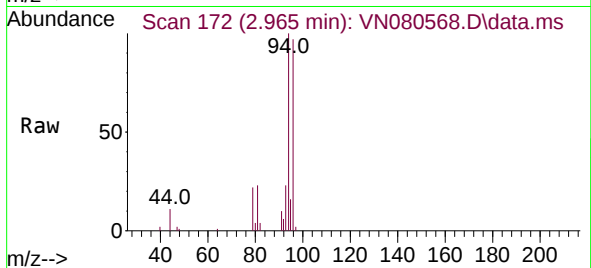




#5
Bromomethane
Concen: 17.937 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

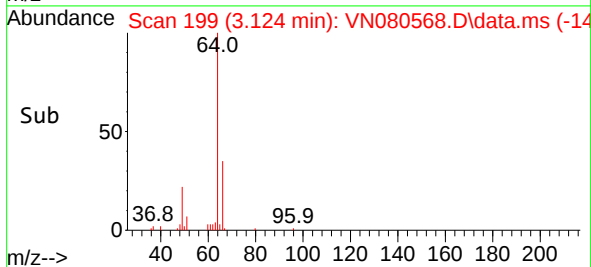
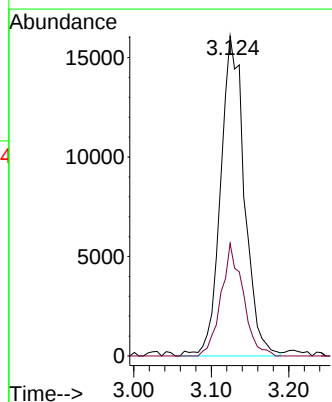
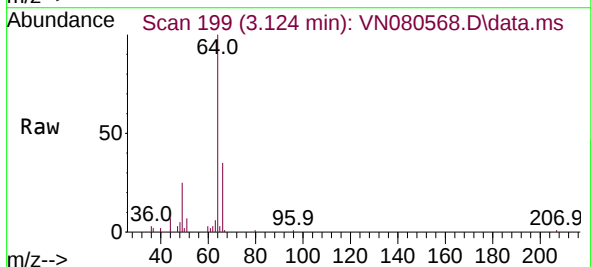
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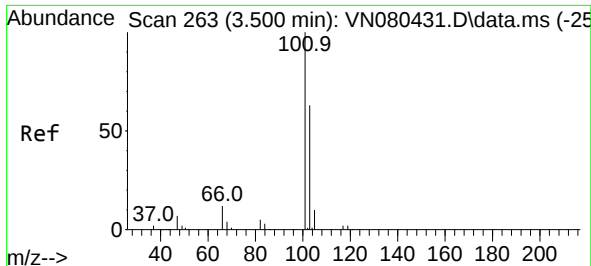
Tgt Ion: 94 Resp: 26697
Ion Ratio Lower Upper
94 100
96 96.7 73.1 109.7



#6
Chloroethane
Concen: 16.260 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 64 Resp: 34492
Ion Ratio Lower Upper
64 100
66 35.1 25.4 38.2

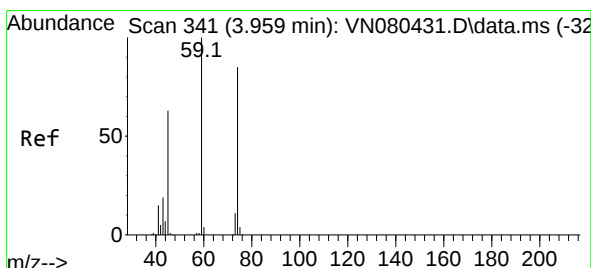
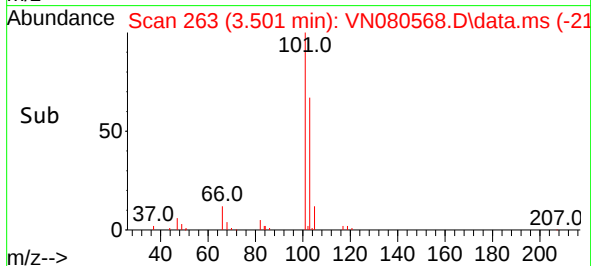
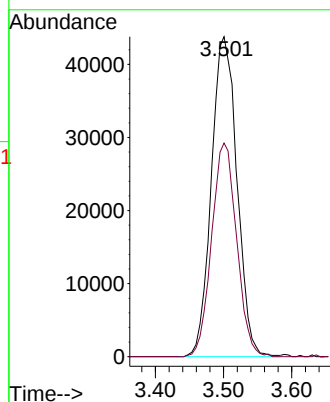
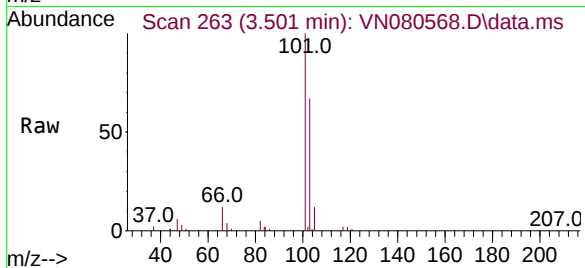




#7
Trichlorofluoromethane
Concen: 17.100 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

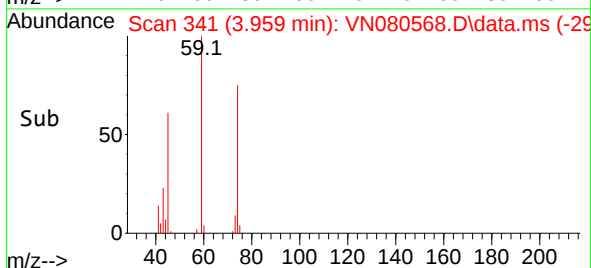
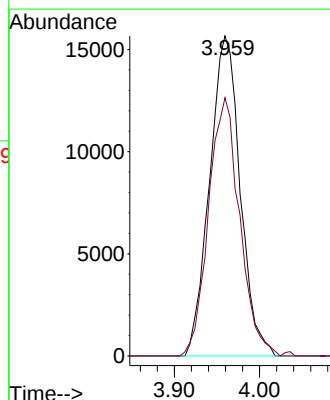
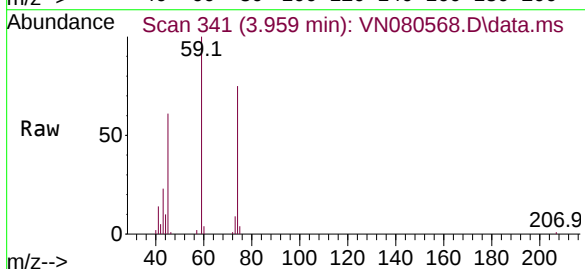
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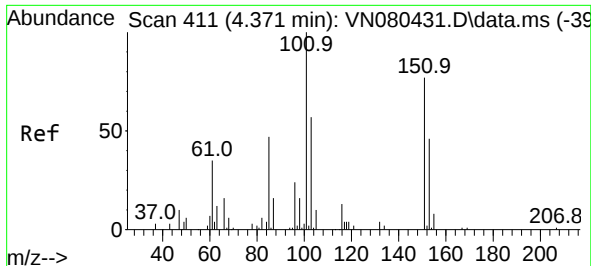
Tgt Ion:101 Resp: 114498
Ion Ratio Lower Upper
101 100
103 66.8 50.7 76.1



#8
Diethyl Ether
Concen: 18.521 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080568.D
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Tgt Ion: 74 Resp: 39061
Ion Ratio Lower Upper
74 100
45 81.9 34.4 103.3

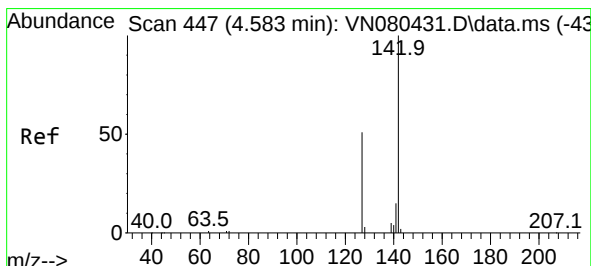
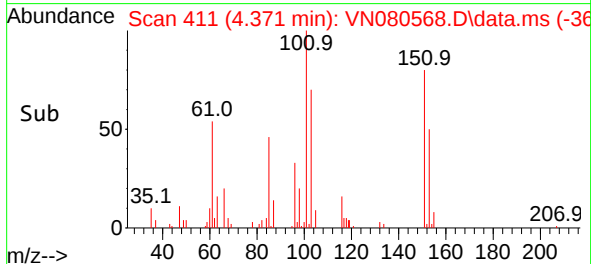
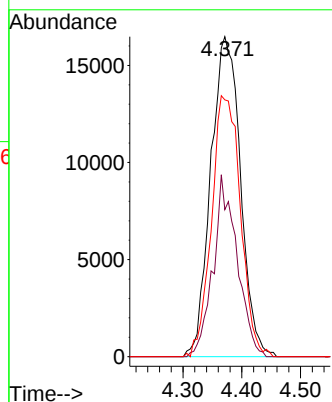
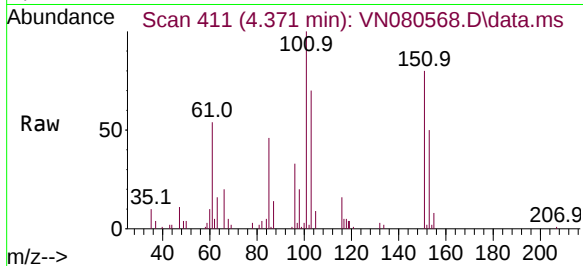




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.204 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
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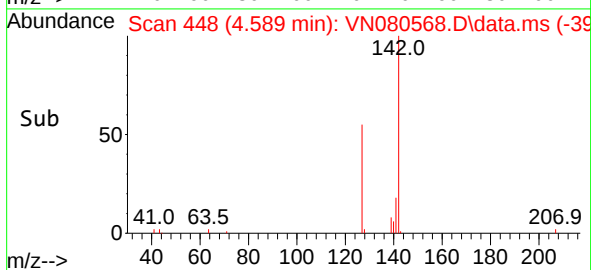
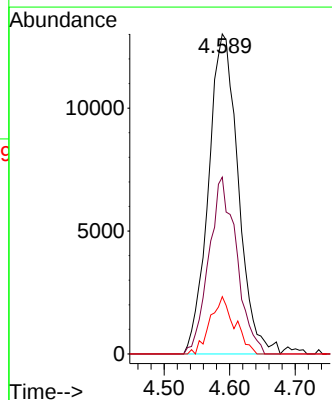
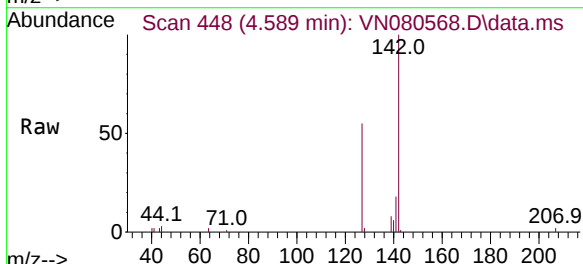
Instrument :
MSVOA_N
ClientSampleId :

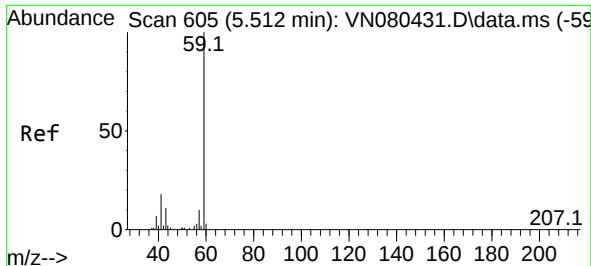
Tgt Ion:101 Resp: 57774
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 79.3 57.6 86.4



#10
Methyl Iodide
Concen: 14.713 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

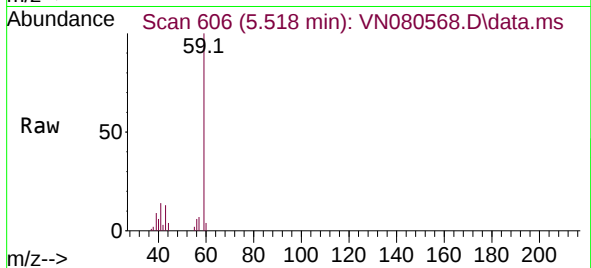
Tgt Ion:142 Resp: 41072
Ion Ratio Lower Upper
142 100
127 55.2 37.6 56.4
141 17.9 11.4 17.0#



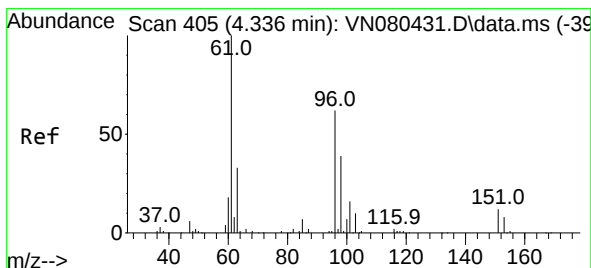
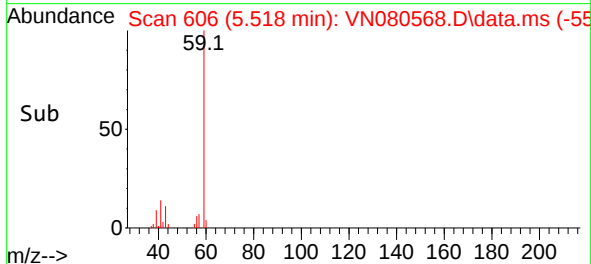
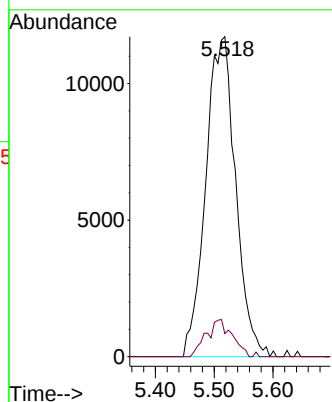


#11
Tert butyl alcohol
Concen: 91.015 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :

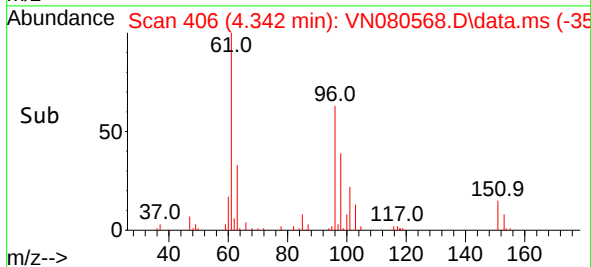
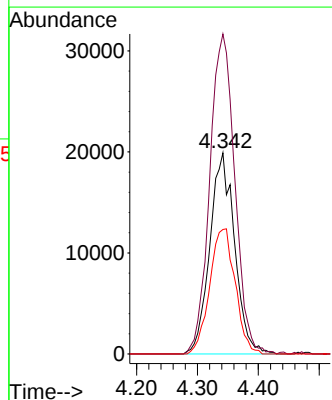
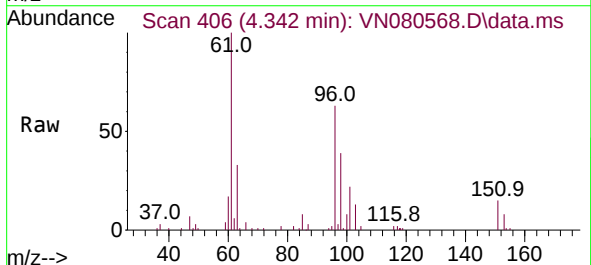


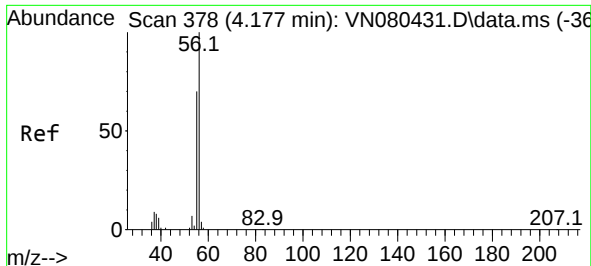
Tgt Ion: 59 Resp: 41413
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.299 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 96 Resp: 56252
Ion Ratio Lower Upper
96 100
61 159.2 112.7 169.1
98 61.9 51.2 76.8





#13

Acrolein

Concen: 110.379 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

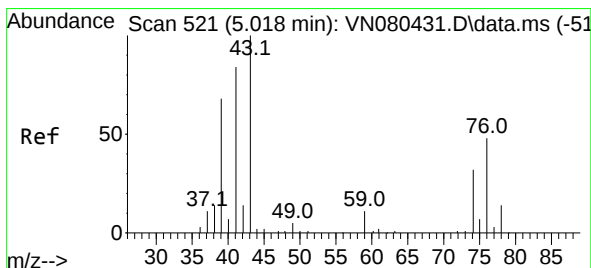
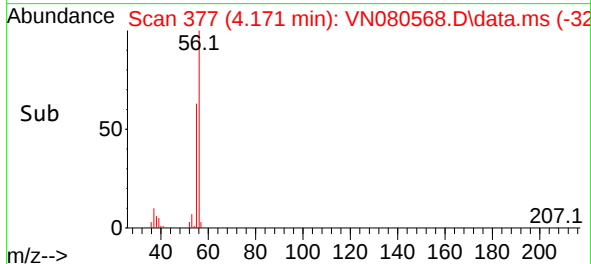
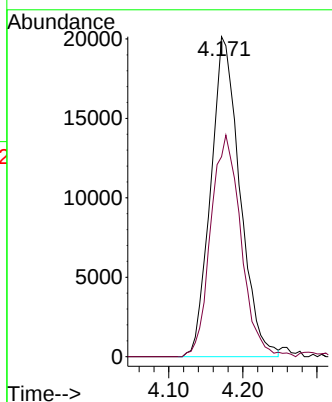
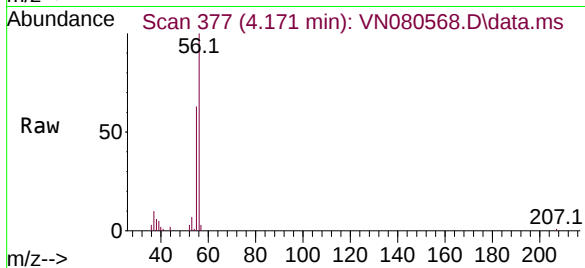
ClientSampleId :

Tgt Ion: 56 Resp: 55002

Ion Ratio Lower Upper

56 100

55 71.7 54.5 81.7



#14

Allyl chloride

Concen: 17.751 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

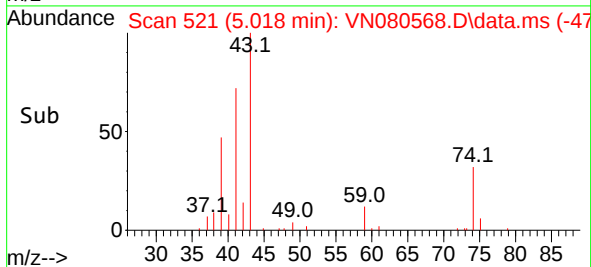
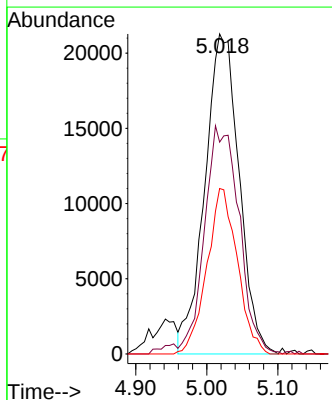
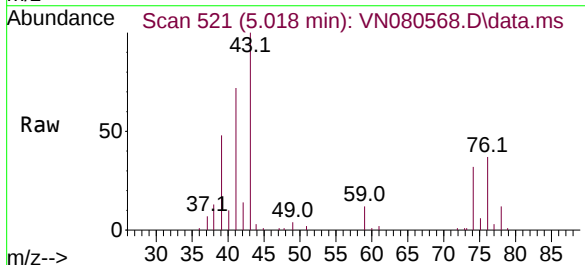
Tgt Ion: 41 Resp: 71419

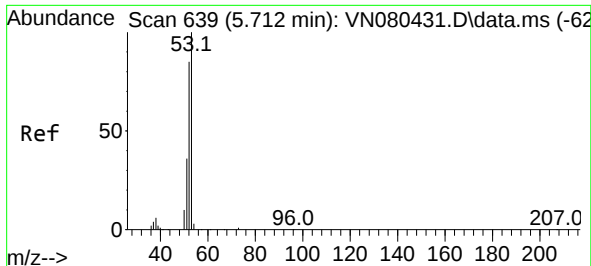
Ion Ratio Lower Upper

41 100

39 73.2 58.8 88.2

76 45.9 39.1 58.7

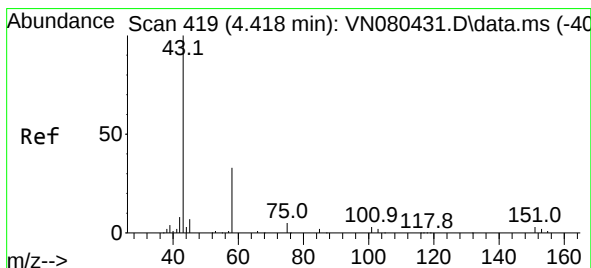
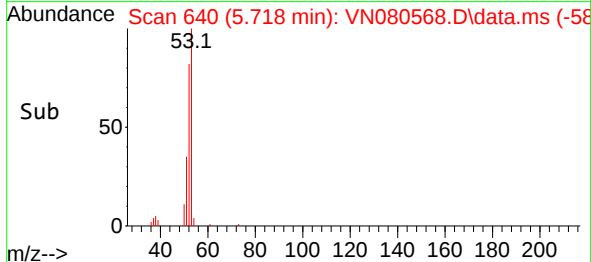
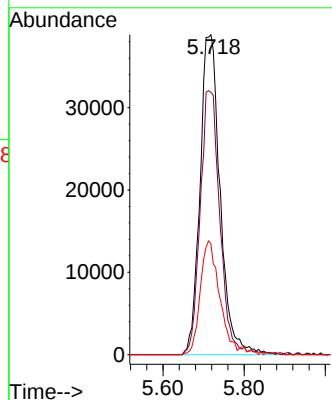
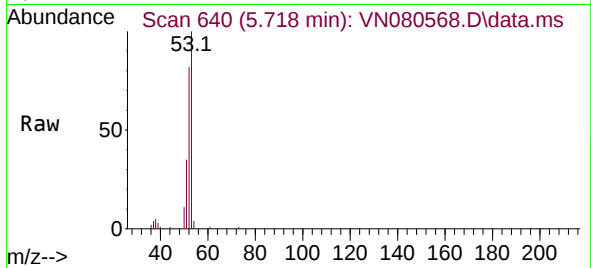




#15
Acrylonitrile
Concen: 103.906 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

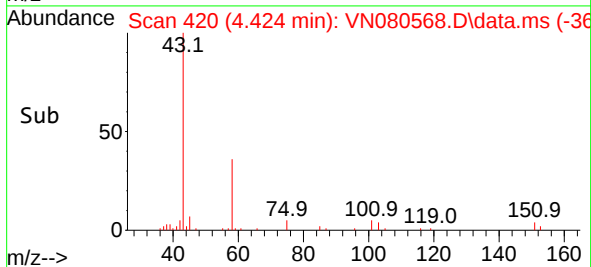
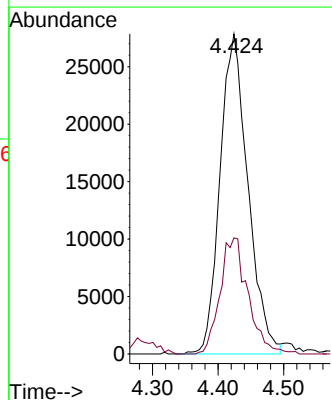
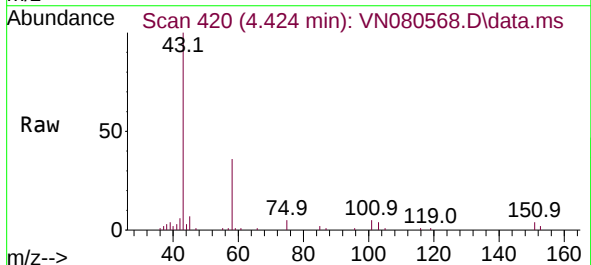
Instrument :
MSVOA_N
ClientSampleId :

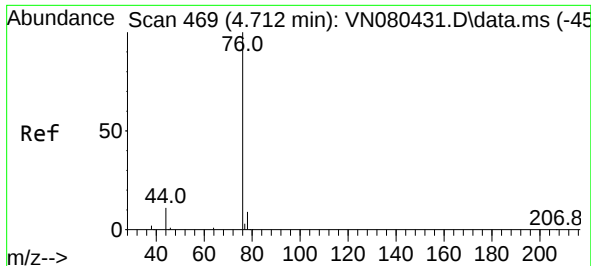
Tgt Ion: 53 Resp: 133587
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 34.0 28.9 43.3



#16
Acetone
Concen: 120.240 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 43 Resp: 82369
Ion Ratio Lower Upper
43 100
58 36.3 28.0 42.0

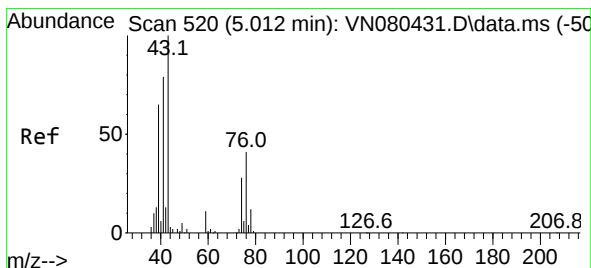
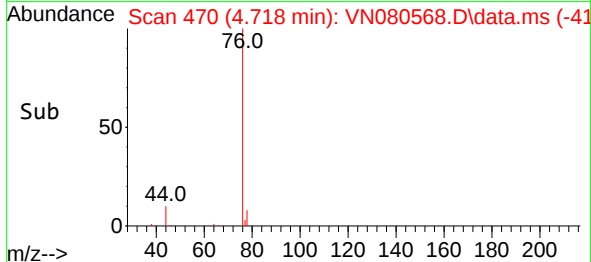
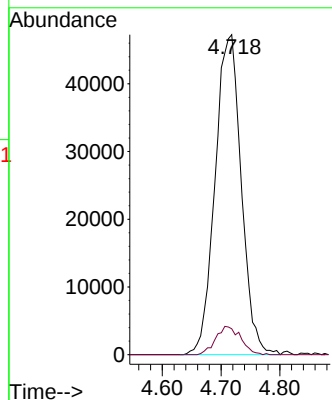
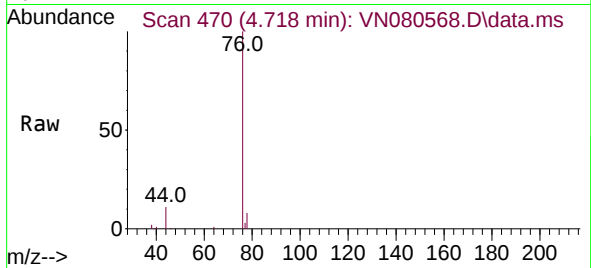




#17
Carbon Disulfide
Concen: 15.859 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

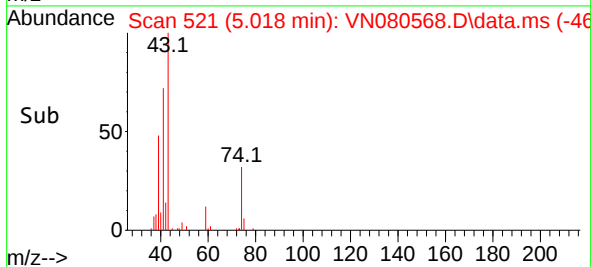
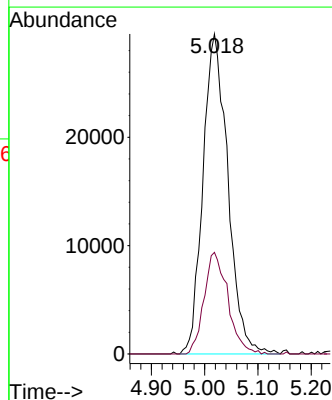
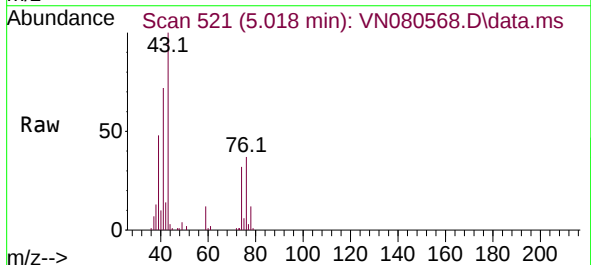
Instrument :
MSVOA_N
ClientSampleId :

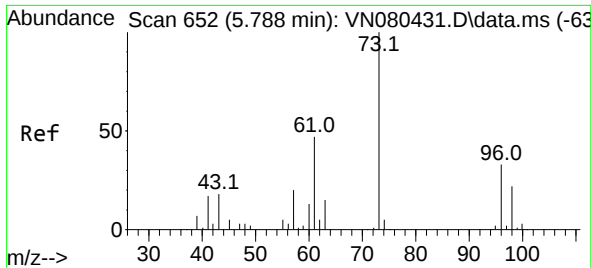
Tgt Ion: 76 Resp: 146153
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#18
Methyl Acetate
Concen: 21.804 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 43 Resp: 96108
Ion Ratio Lower Upper
43 100
74 30.3 26.2 39.4

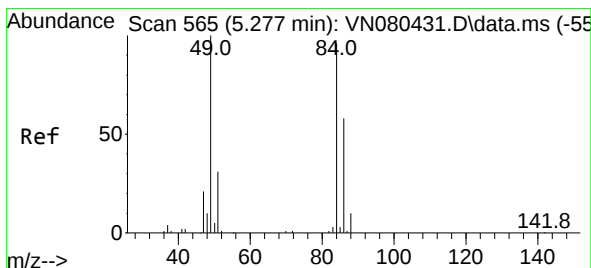
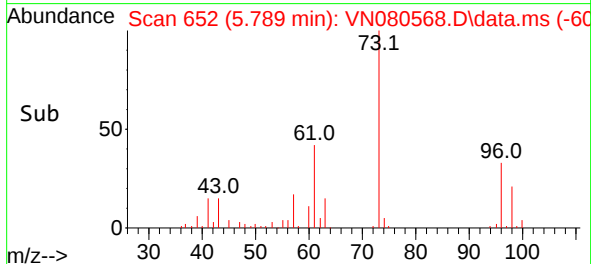
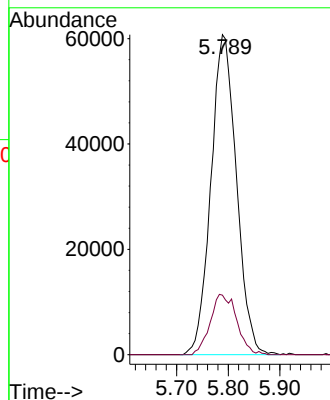
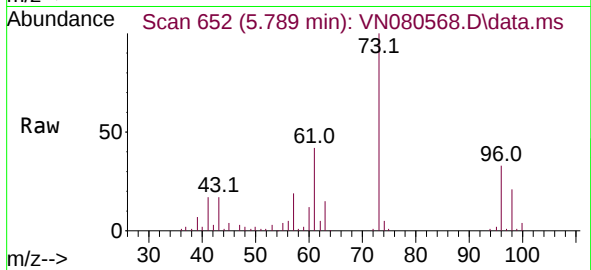




#19
Methyl tert-butyl Ether
Concen: 19.203 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

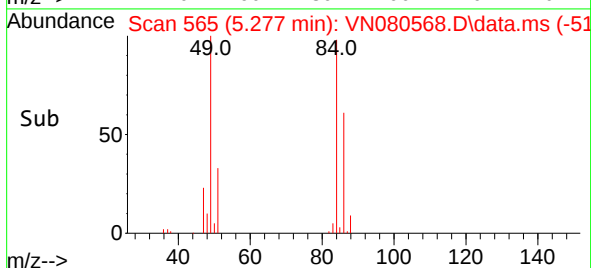
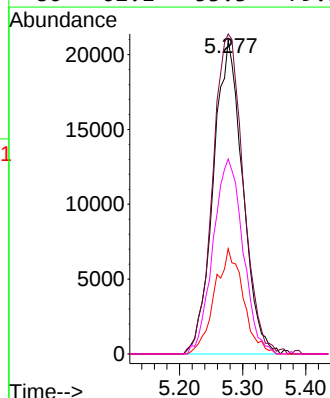
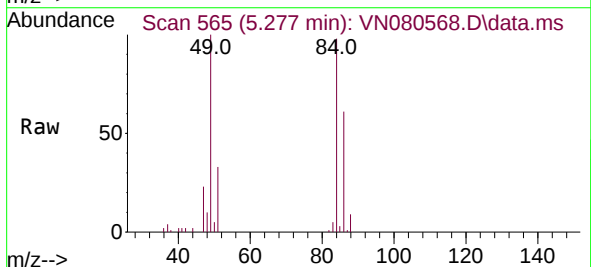
Instrument :
MSVOA_N
ClientSampleId :

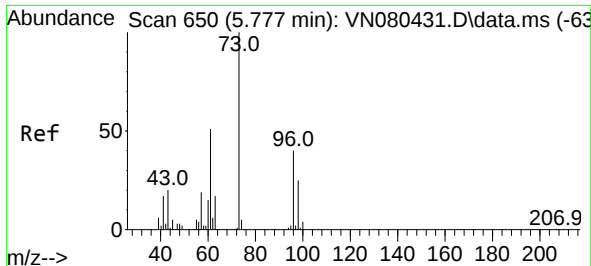
Tgt Ion: 73 Resp: 208340
Ion Ratio Lower Upper
73 100
57 18.6 15.6 23.4



#20
Methylene Chloride
Concen: 18.414 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

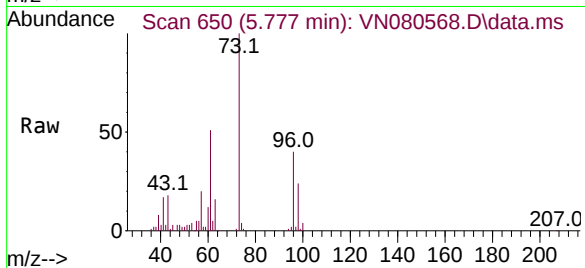
Tgt Ion: 84 Resp: 67507
Ion Ratio Lower Upper
84 100
49 102.0 79.7 119.5
51 33.5 25.2 37.8
86 62.1 53.3 79.9



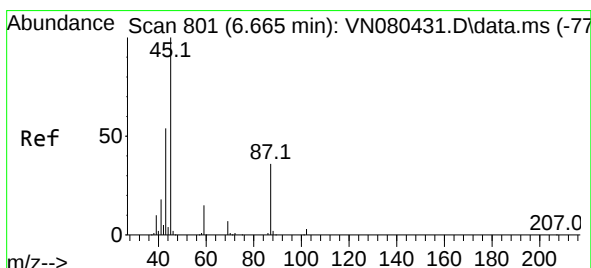
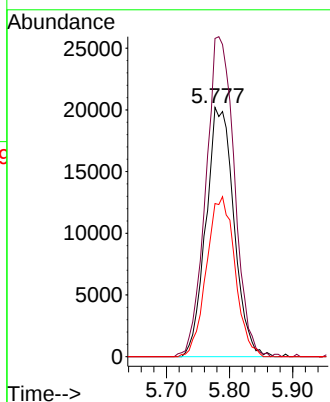
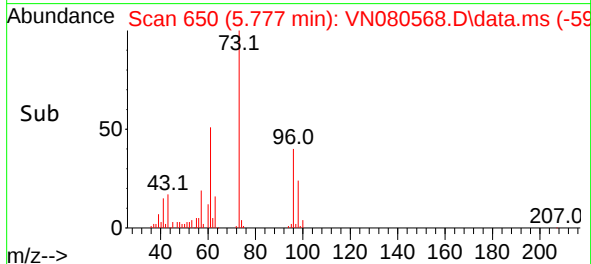


#21
trans-1,2-Dichloroethene
Concen: 17.628 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :

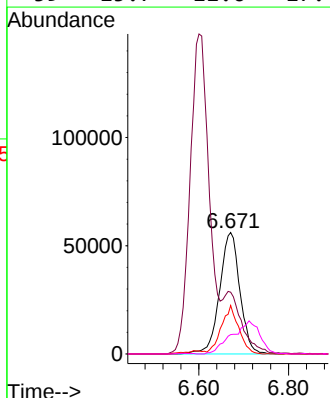
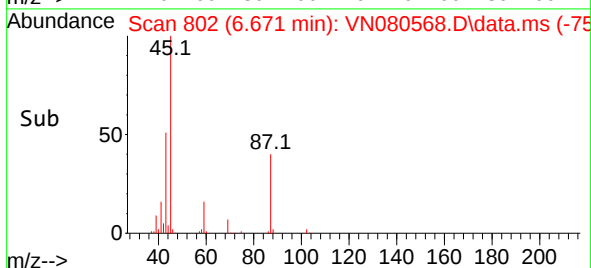
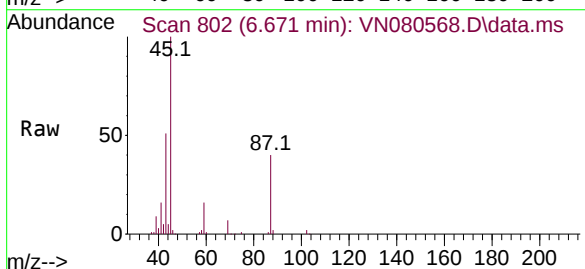


Tgt Ion: 96 Resp: 62154
Ion Ratio Lower Upper
96 100
61 126.7 90.1 135.1
98 61.4 46.4 69.6



#22
Diisopropyl ether
Concen: 20.345 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 45 Resp: 176669
Ion Ratio Lower Upper
45 100
43 49.8 45.5 68.3
87 39.9 31.8 47.8
59 15.7 11.6 17.4

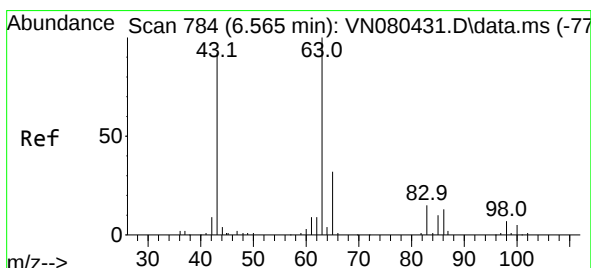
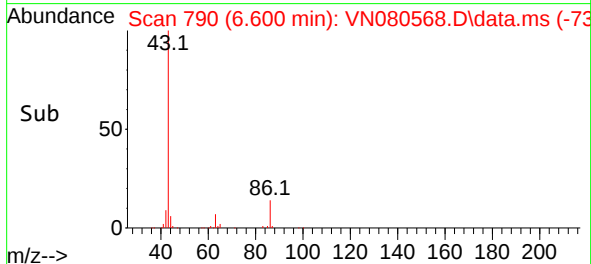
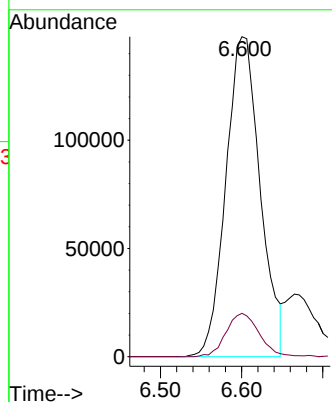
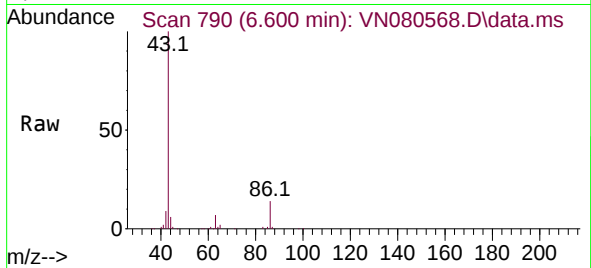




#23
 Vinyl Acetate
 Concen: 87.222 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

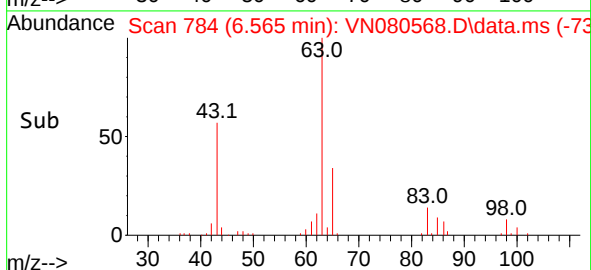
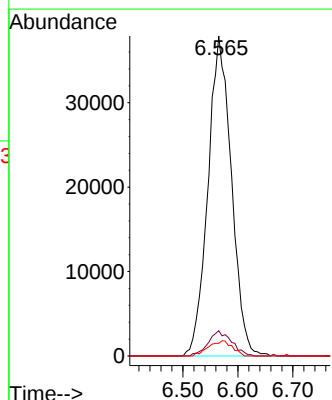
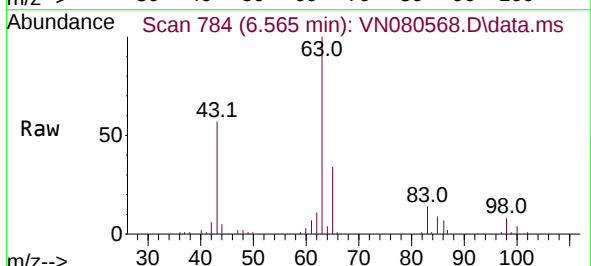
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 435000
 Ion Ratio Lower Upper
 43 100
 86 13.5 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 18.561 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

Tgt Ion: 63 Resp: 112449
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 3.9 2.5 7.4

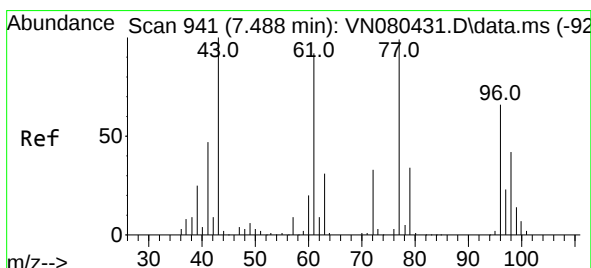
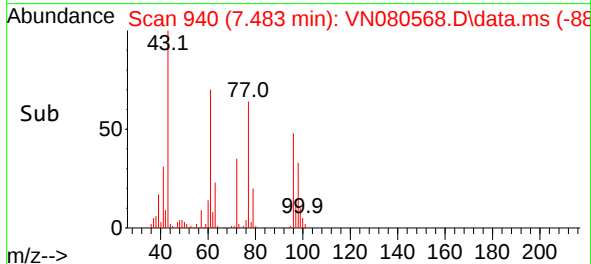
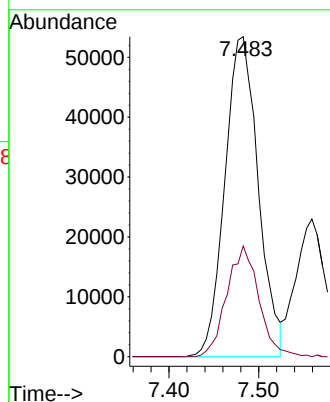
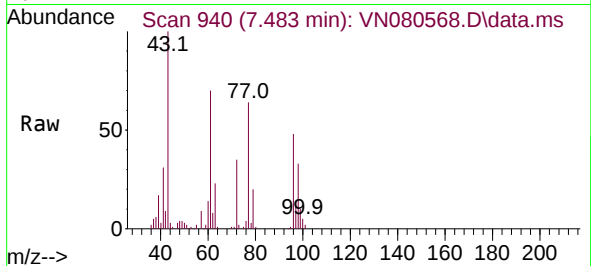




#25
2-Butanone
Concen: 104.675 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

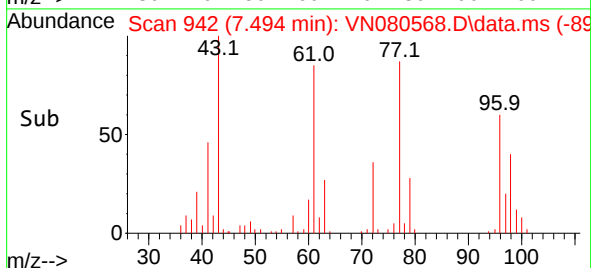
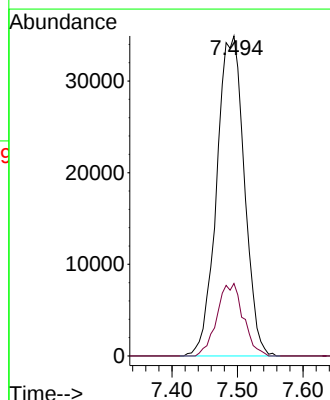
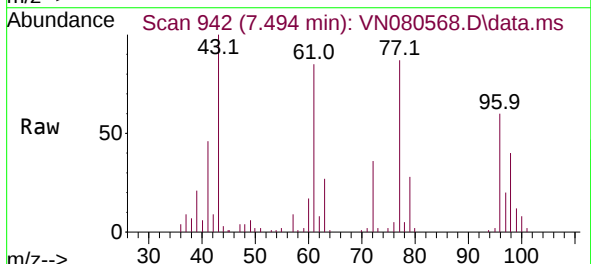
Instrument :
MSVOA_N
ClientSampleId :

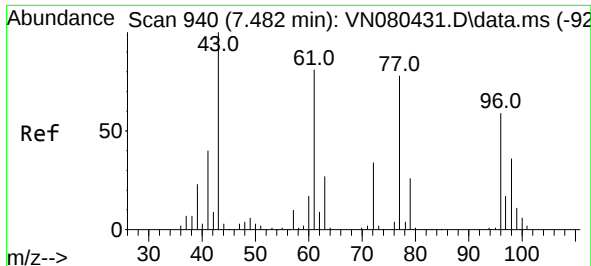
Tgt Ion: 43 Resp: 138137
Ion Ratio Lower Upper
43 100
72 34.6 30.2 45.2



#26
2,2-Dichloropropane
Concen: 16.452 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 77 Resp: 101919
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6

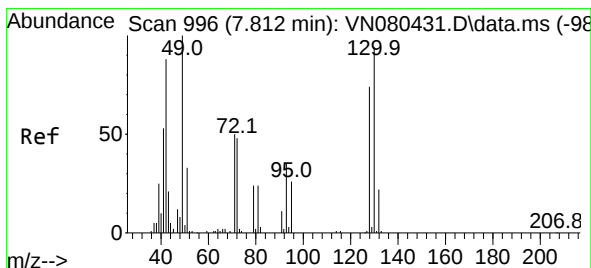
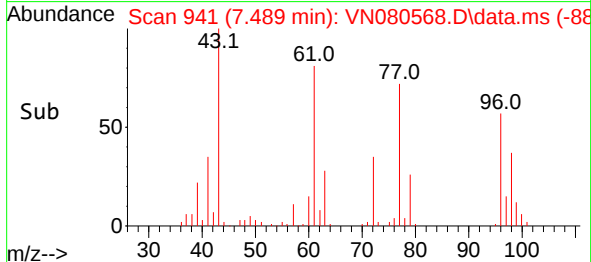
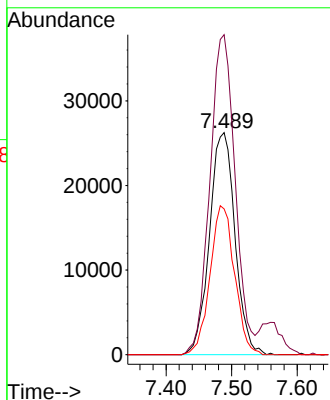
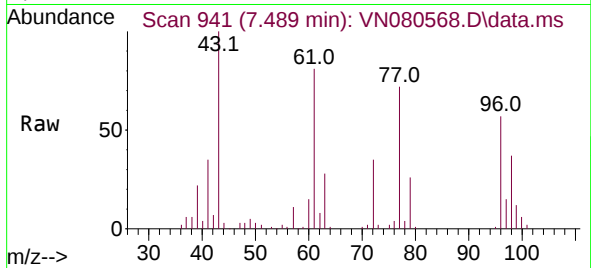




#27
 cis-1,2-Dichloroethene
 Concen: 17.791 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

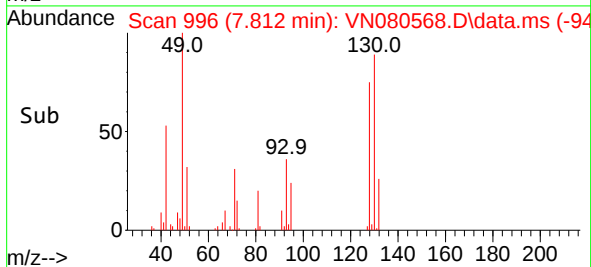
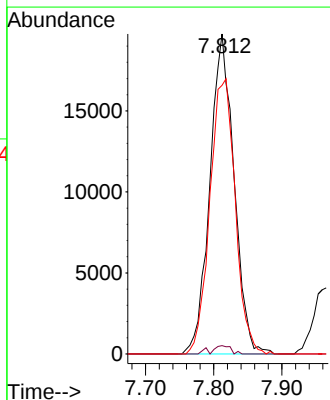
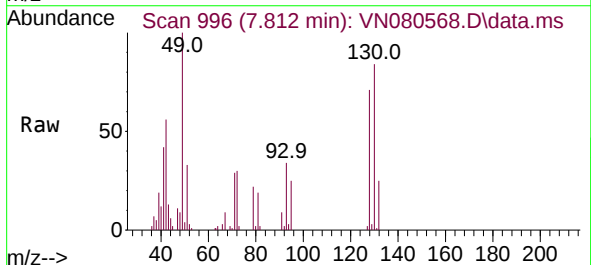
Instrument :
 MSVOA_N
 ClientSampleId :

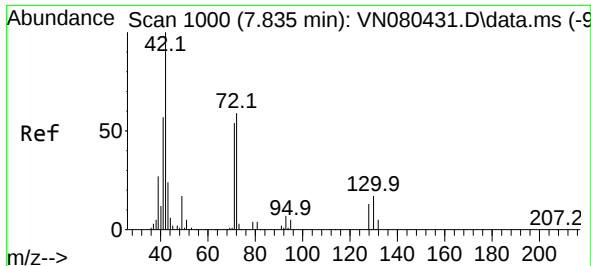
Tgt Ion: 96 Resp: 71006
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 255.2
 98 64.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.964 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

Tgt Ion: 49 Resp: 48764
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 90.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 99.297 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

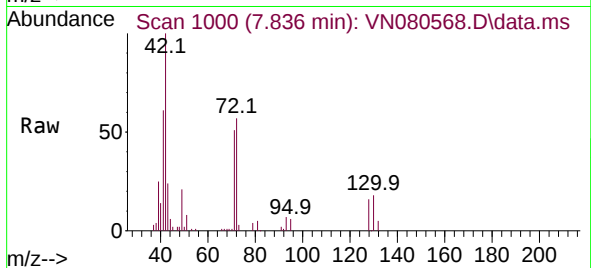
Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

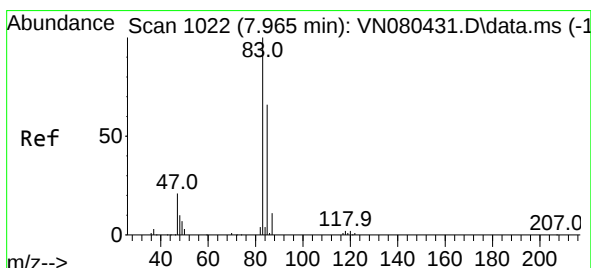
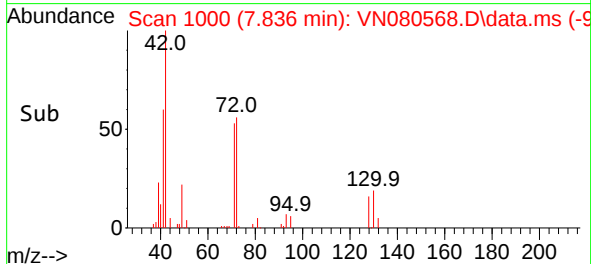
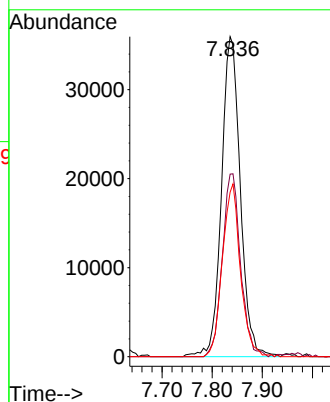
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	93835
Ion Ratio	Lower	Upper	
42	100		
72	55.5	49.8	74.6
71	51.8	47.4	71.2



#30

Chloroform

Concen: 19.069 ug/l

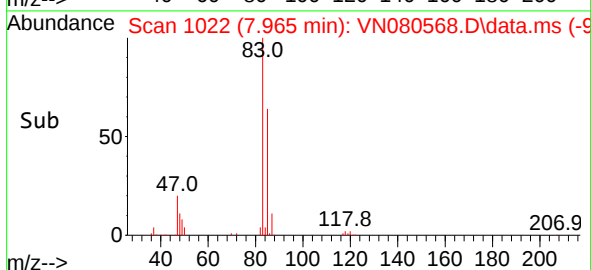
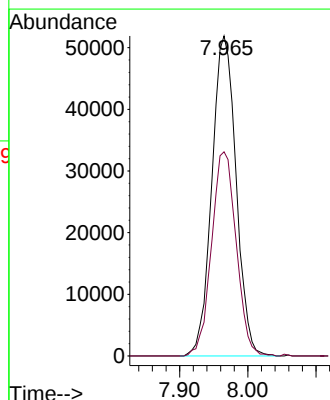
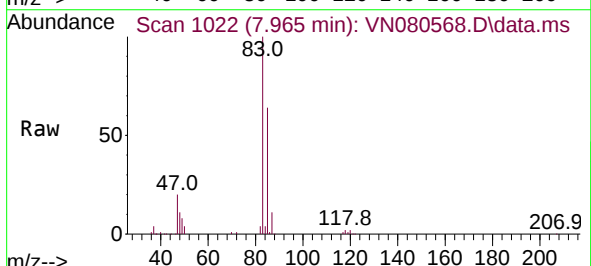
RT: 7.965 min Scan# 1022

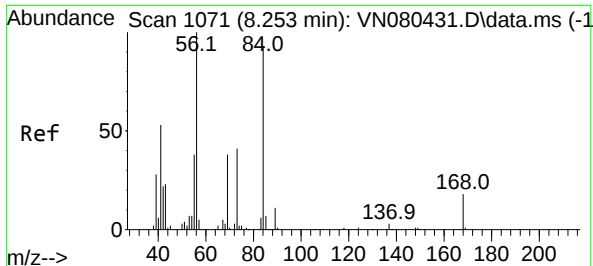
Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Tgt Ion:	83	Resp:	128237
Ion Ratio	Lower	Upper	
83	100		
85	63.8	55.4	83.0

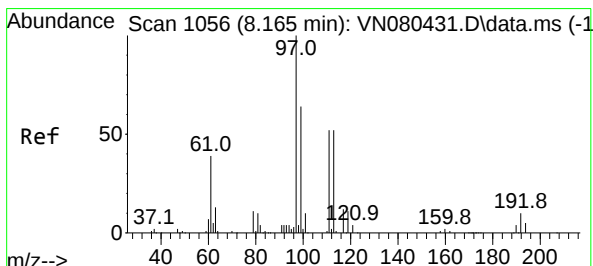
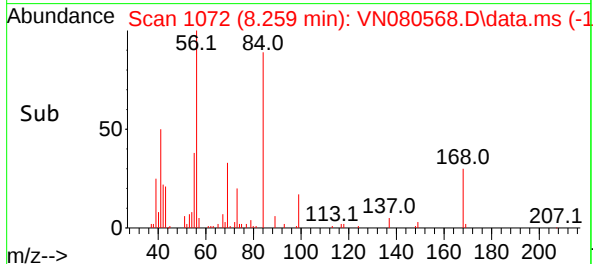
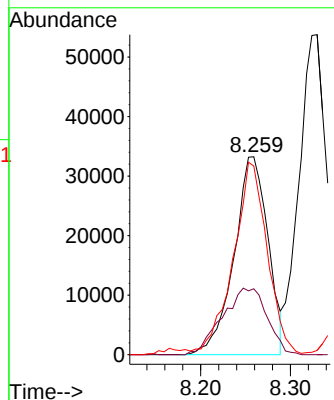
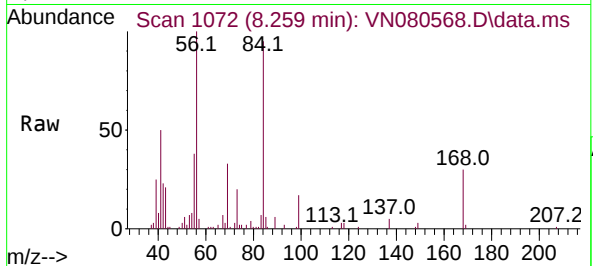




#31
Cyclohexane
Concen: 16.623 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

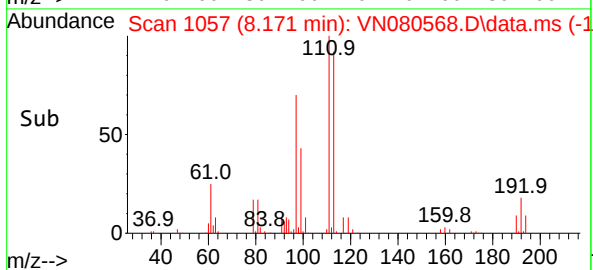
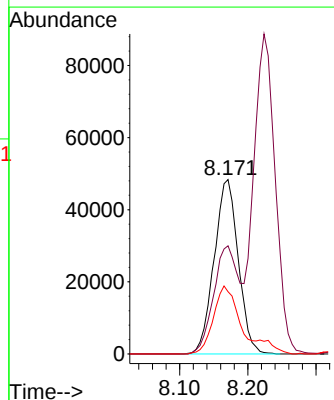
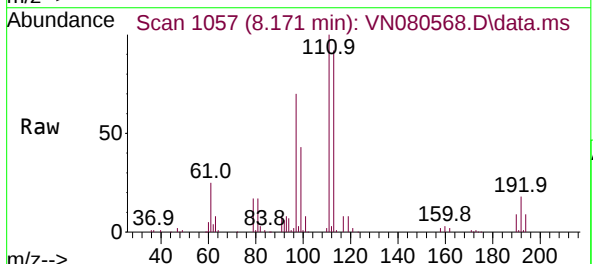
Instrument :
MSVOA_N
ClientSampleId :

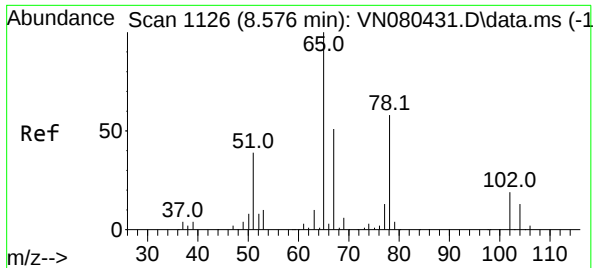
Tgt Ion: 56 Resp: 87335
Ion Ratio Lower Upper
56 100
69 33.3 26.8 40.2
84 93.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.092 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 97 Resp: 119123
Ion Ratio Lower Upper
97 100
99 67.2 50.3 75.5
61 40.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.243 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

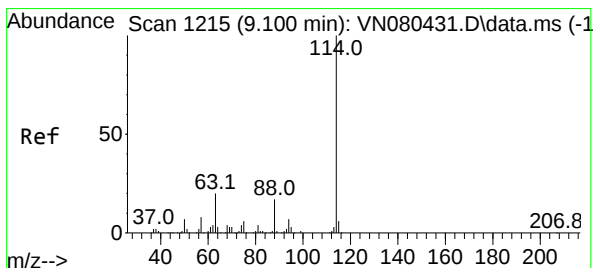
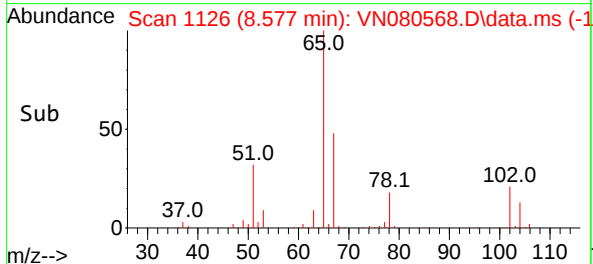
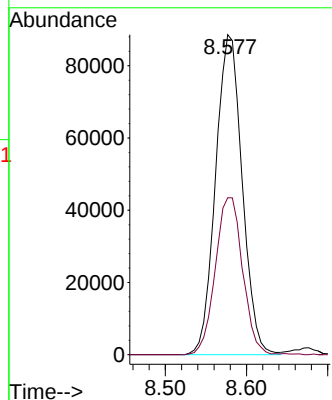
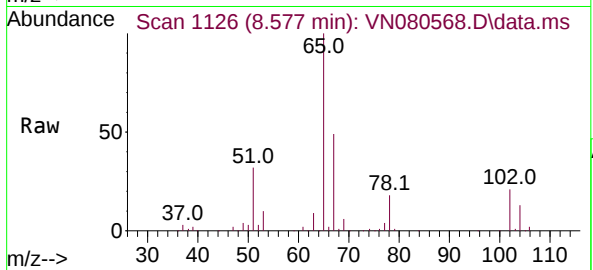
ClientSampleId :

Tgt Ion: 65 Resp: 201839

Ion Ratio Lower Upper

65 100

67 50.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

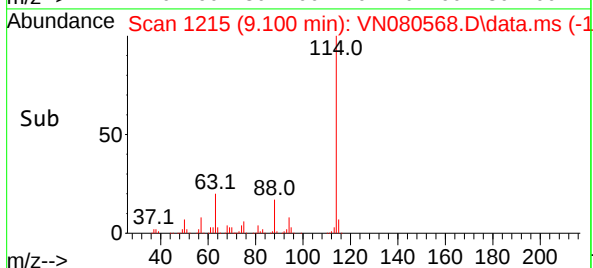
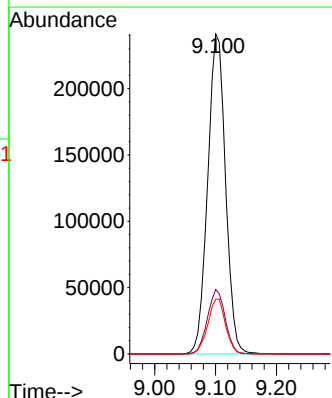
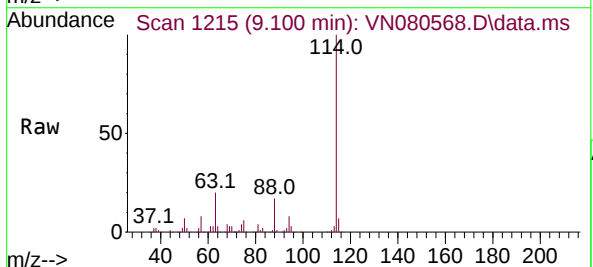
Tgt Ion: 114 Resp: 490237

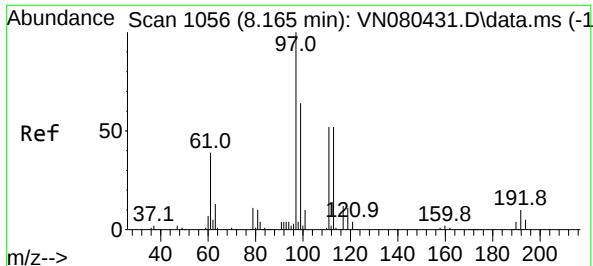
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.842 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

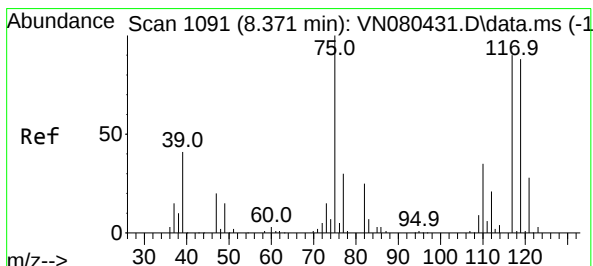
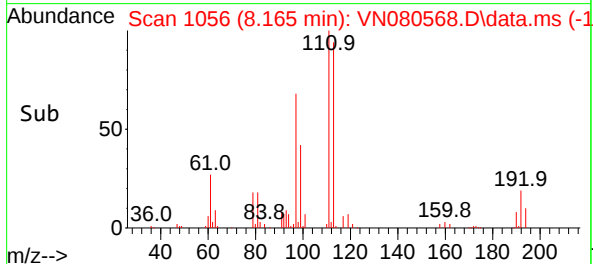
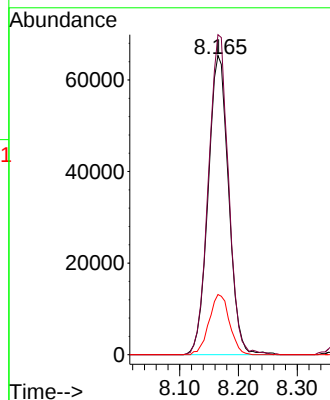
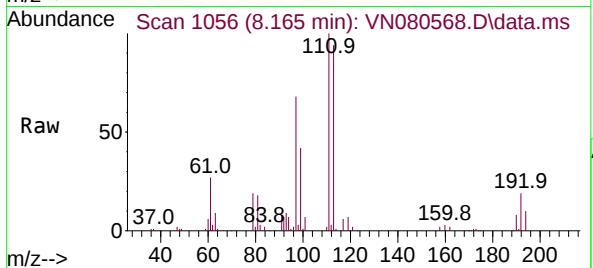
Tgt Ion:113 Resp: 158032

Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 20.1 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 17.369 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

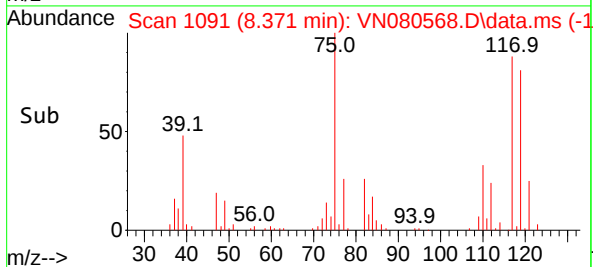
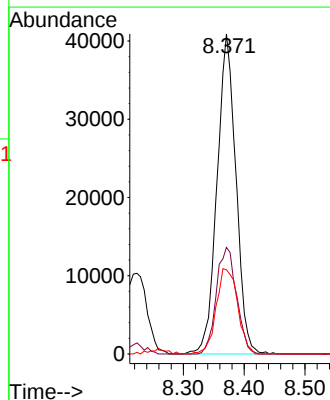
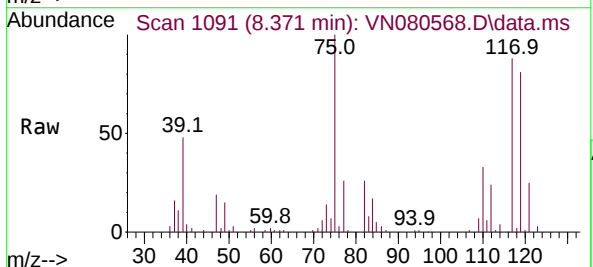
Tgt Ion: 75 Resp: 88273

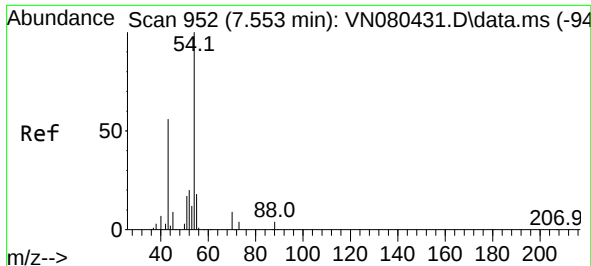
Ion Ratio Lower Upper

75 100

110 35.5 19.1 57.3

77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 17.919 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

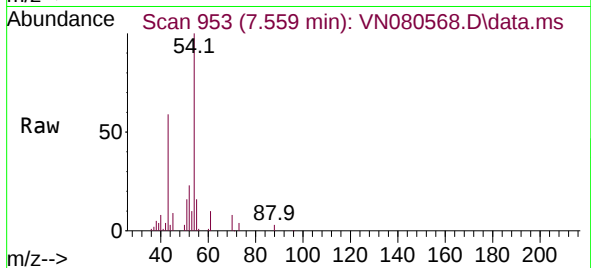
Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :



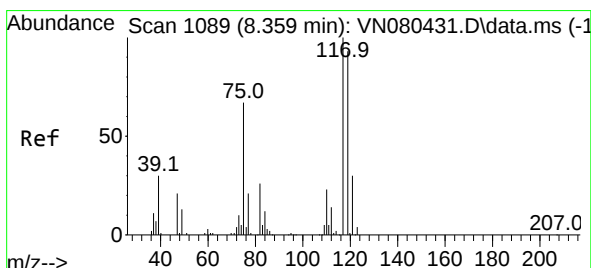
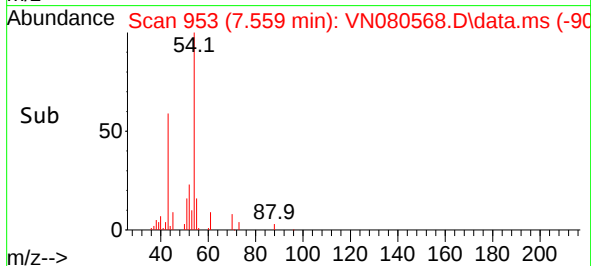
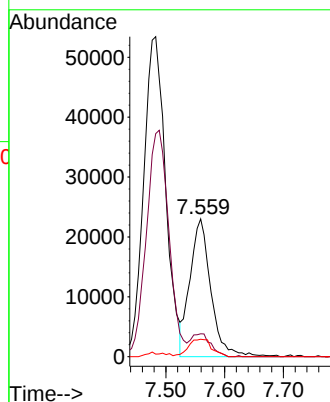
Tgt Ion: 43 Resp: 57027

Ion Ratio Lower Upper

43 100

61 15.6 13.2 19.8

70 14.2 11.3 16.9



#38

Carbon Tetrachloride

Concen: 17.113 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

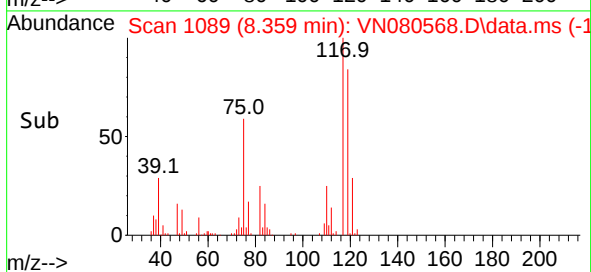
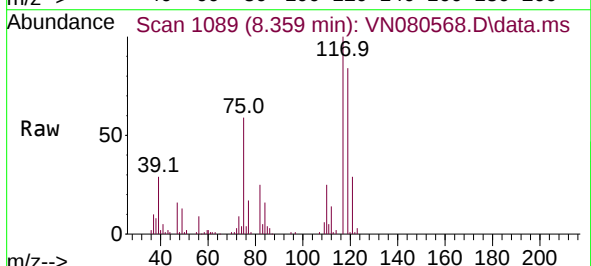
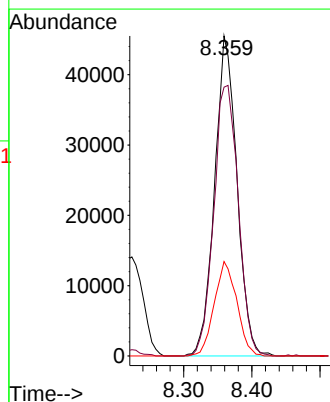
Tgt Ion: 117 Resp: 103924

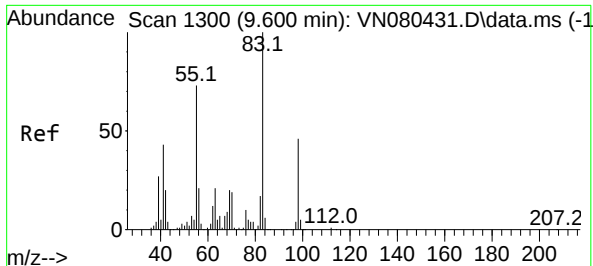
Ion Ratio Lower Upper

117 100

119 84.0 77.3 115.9

121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 15.450 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

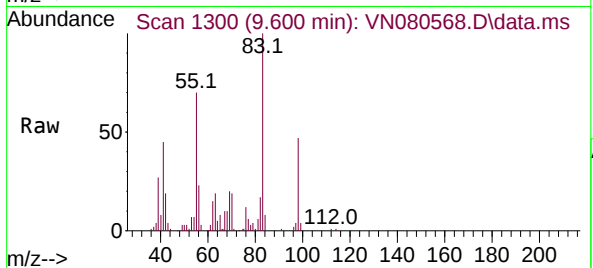
Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

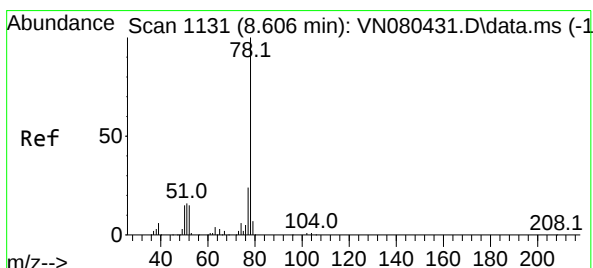
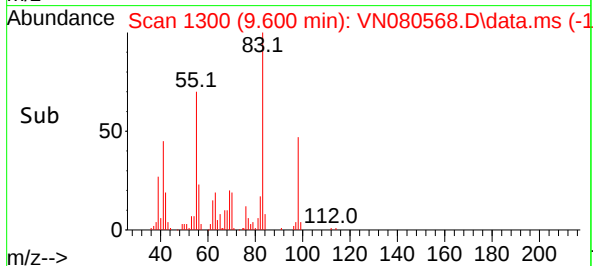
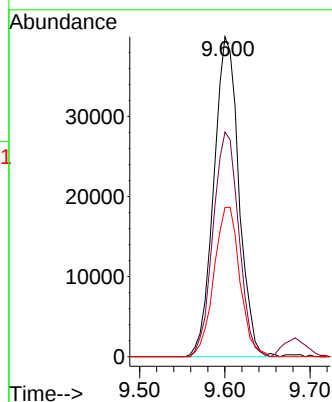
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	81570
Ion	Ratio	Lower	Upper
83	100		
55	70.2	49.1	73.7
98	46.6	40.6	61.0



#40

Benzene

Concen: 18.066 ug/l

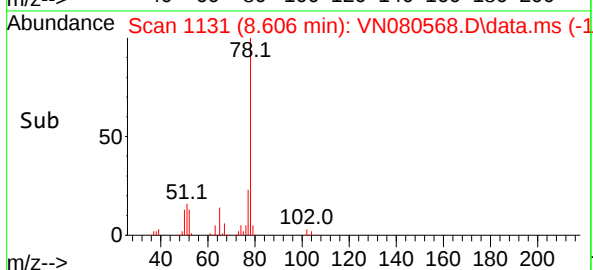
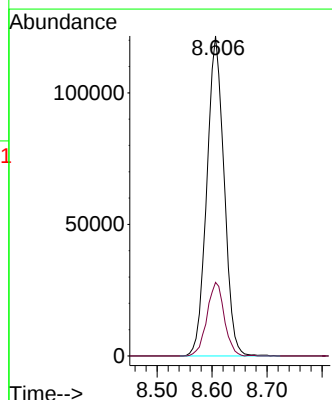
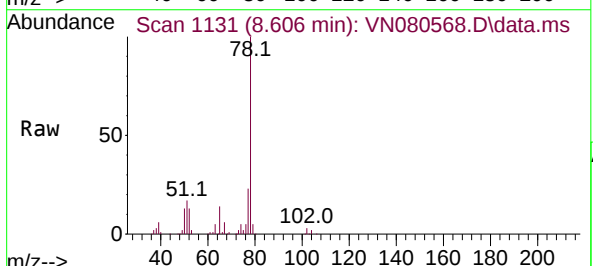
RT: 8.606 min Scan# 1131

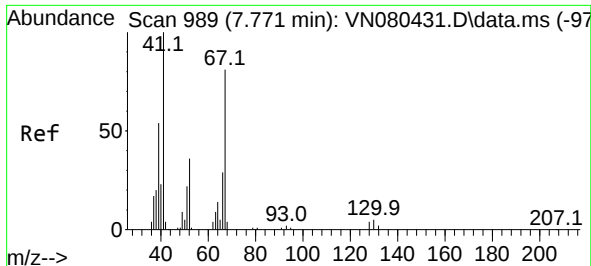
Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Tgt Ion:	78	Resp:	265130
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6

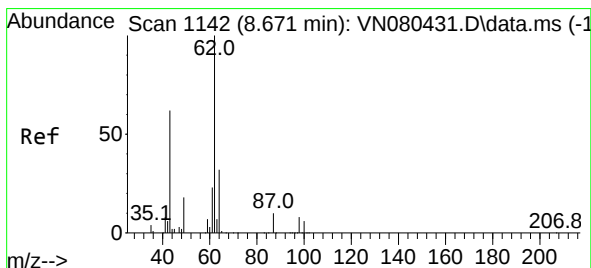
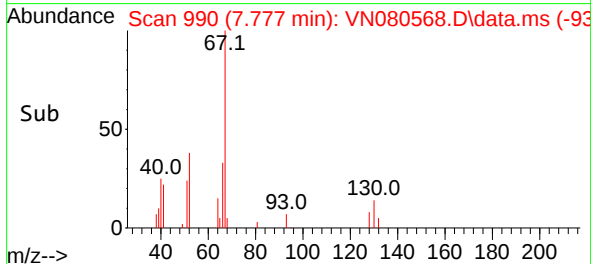
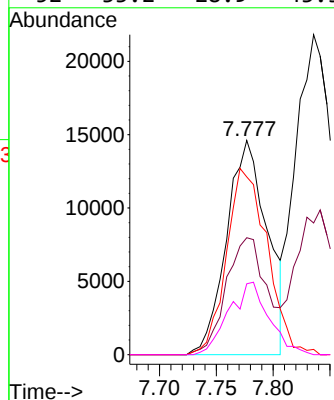
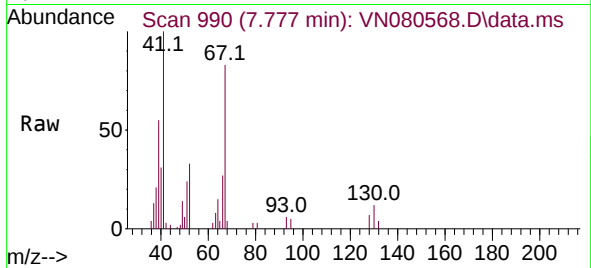




#41
Methacrylonitrile
Concen: 19.886 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

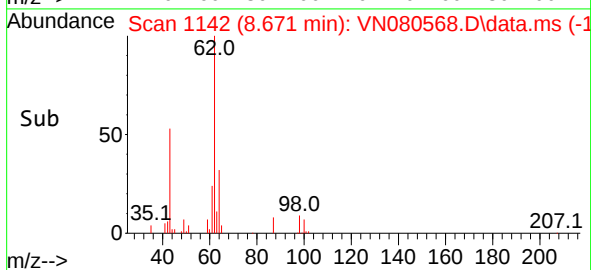
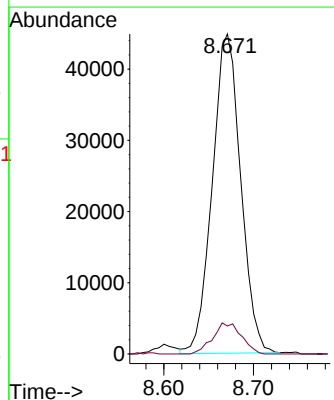
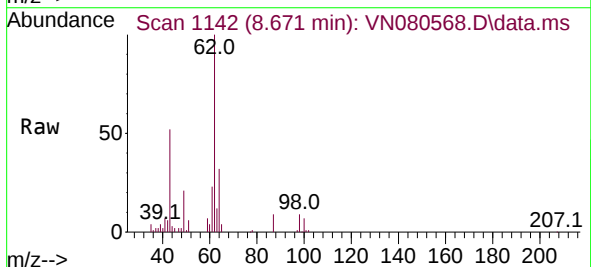
Instrument :
MSVOA_N
ClientSampleId :

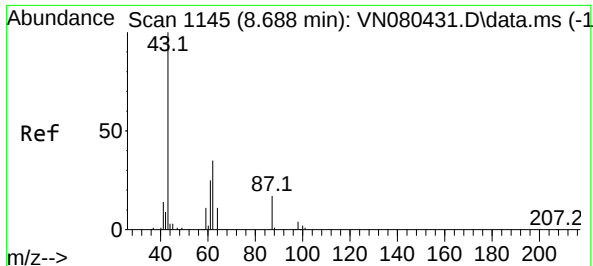
Tgt Ion: 41	Resp: 36486
Ion Ratio	Lower Upper
41 100	
39 54.8	42.6 64.0
67 86.8	77.5 116.3
52 33.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 18.100 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 62	Resp: 98367
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 19.8





#43

Isopropyl Acetate

Concen: 18.955 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

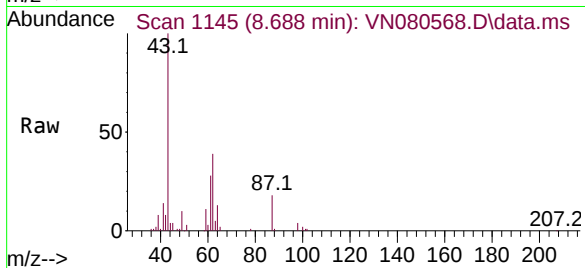
Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :



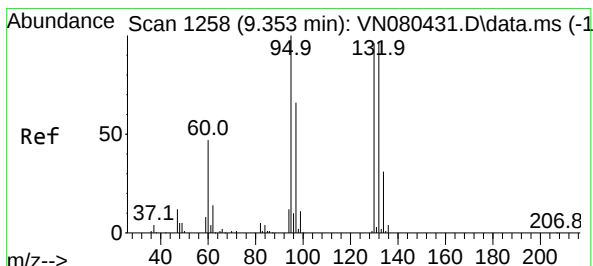
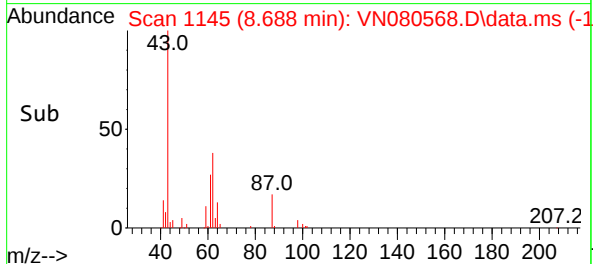
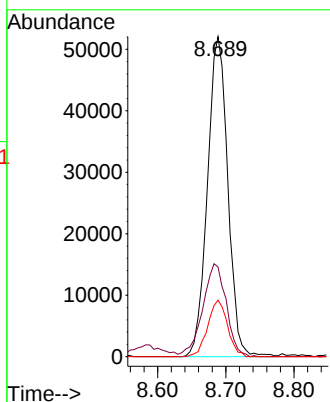
Tgt Ion: 43 Resp: 108464

Ion Ratio Lower Upper

43 100

61 33.5 24.7 37.1

87 17.1 14.6 21.8



#44

Trichloroethene

Concen: 17.669 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN080568.D

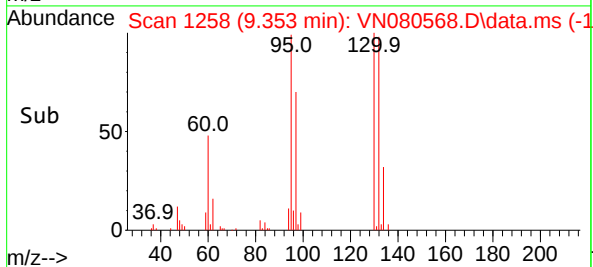
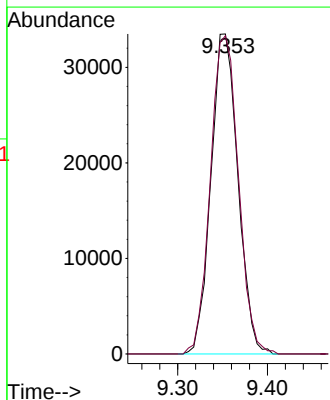
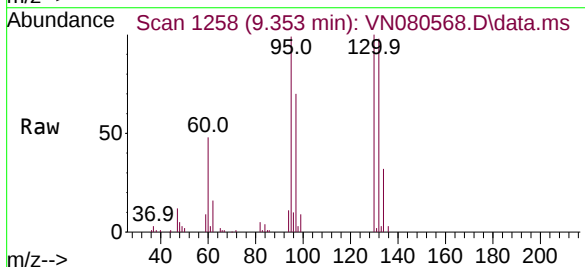
Acq: 21 Dec 2023 13:05

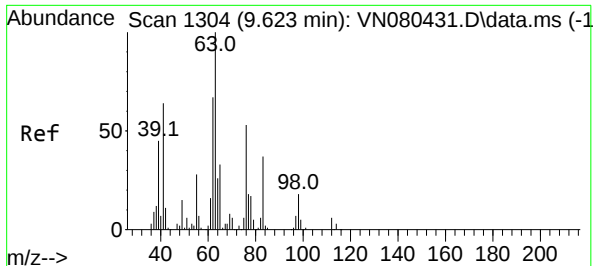
Tgt Ion:130 Resp: 69907

Ion Ratio Lower Upper

130 100

95 99.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.762 ug/l

RT: 9.618 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

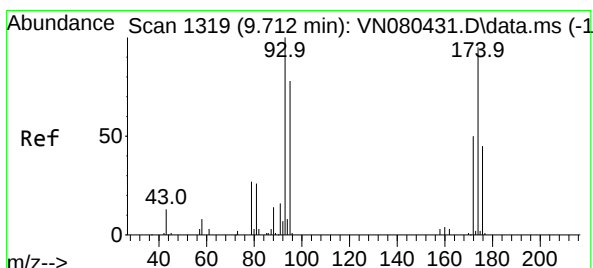
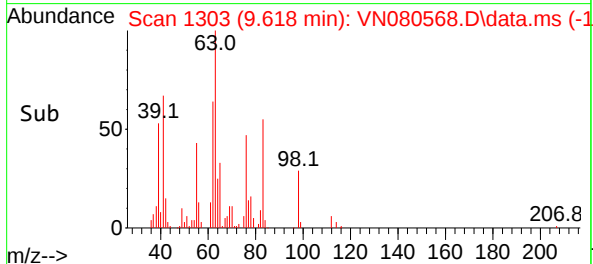
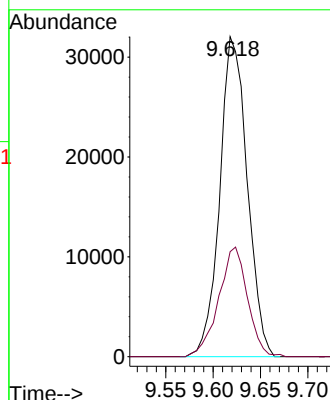
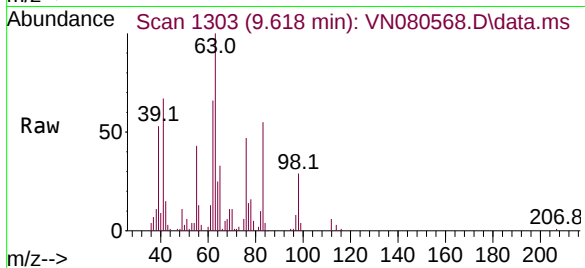
ClientSampleId :

Tgt Ion: 63 Resp: 64670

Ion Ratio Lower Upper

63 100

65 32.8 23.9 35.9



#46

Dibromomethane

Concen: 18.460 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

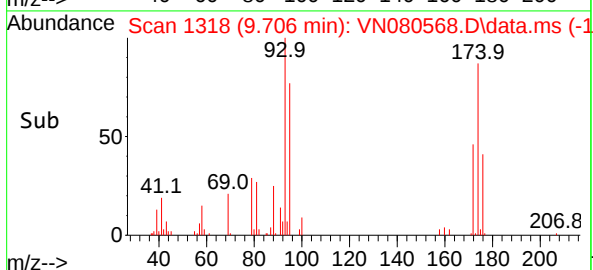
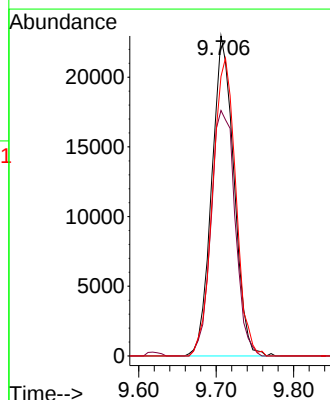
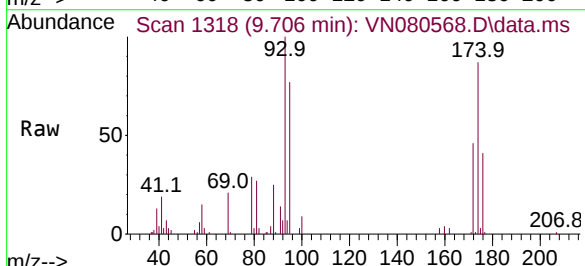
Tgt Ion: 93 Resp: 45694

Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

174 96.8 65.6 98.4

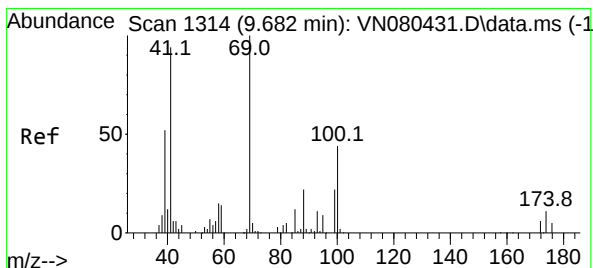
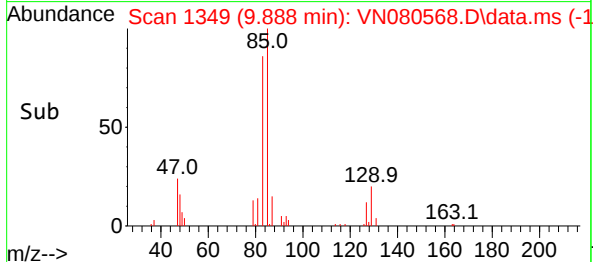
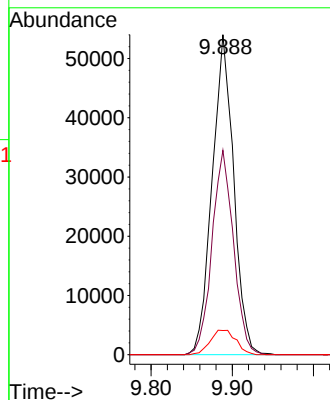
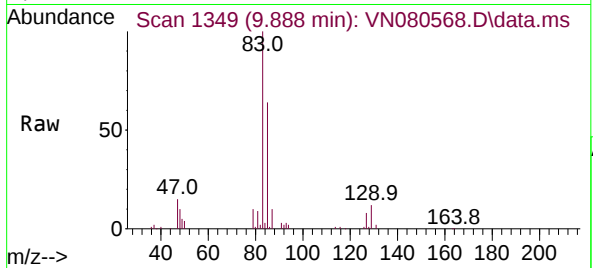




#47
Bromodichloromethane
Concen: 18.711 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

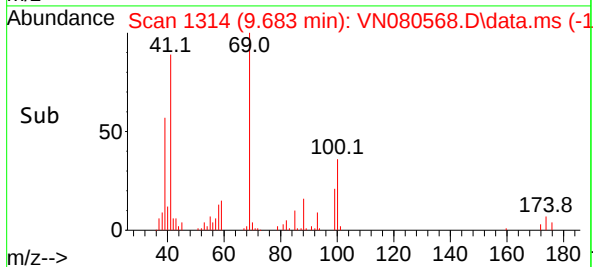
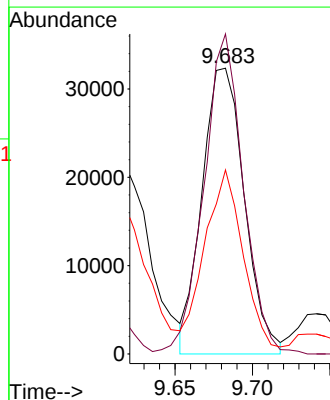
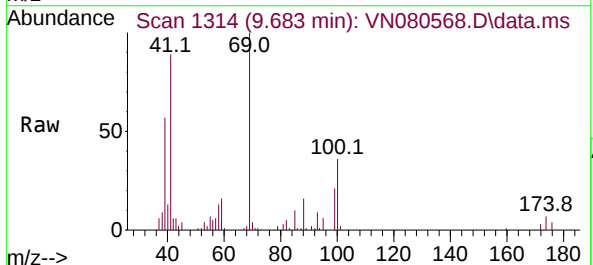
Instrument :
MSVOA_N
ClientSampleId :

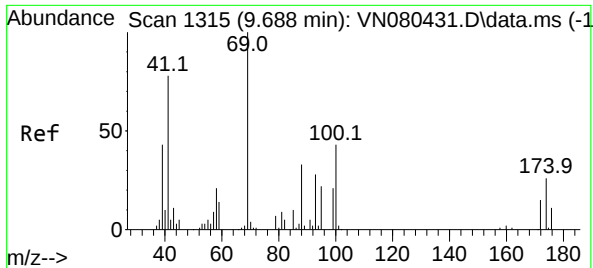
Tgt Ion: 83 Resp: 99265
Ion Ratio Lower Upper
83 100
85 63.8 49.6 74.4
127 7.6 7.0 10.6



#48
Methyl methacrylate
Concen: 18.004 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 41 Resp: 61481
Ion Ratio Lower Upper
41 100
69 104.4 90.4 135.6
39 59.6 54.6 81.8





#49

1,4-Dioxane

Concen: 336.038 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

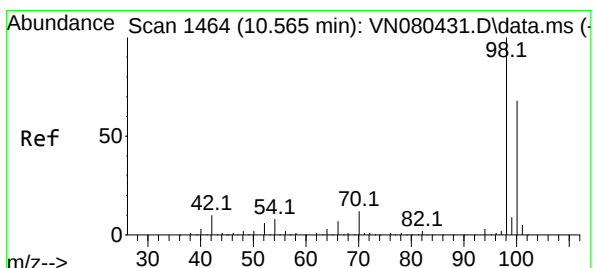
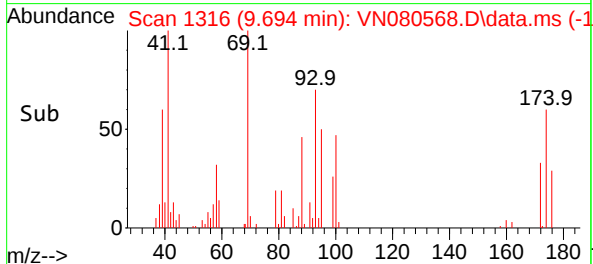
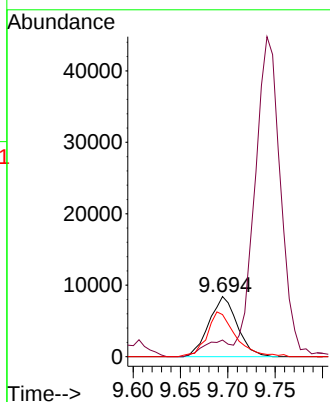
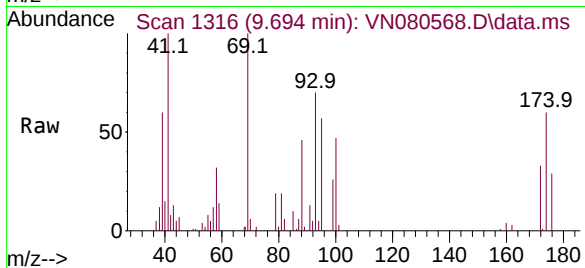
Tgt Ion: 88 Resp: 17393

Ion Ratio Lower Upper

88 100

43 27.1 17.0 25.6#

58 74.8 47.0 70.4#



#50

Toluene-d8

Concen: 49.794 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080568.D

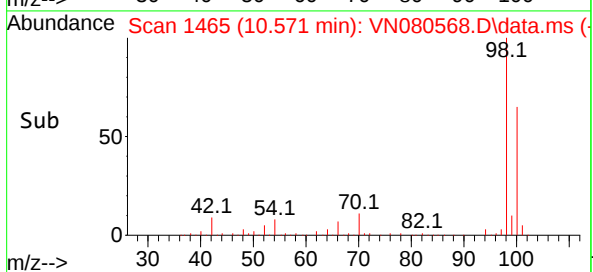
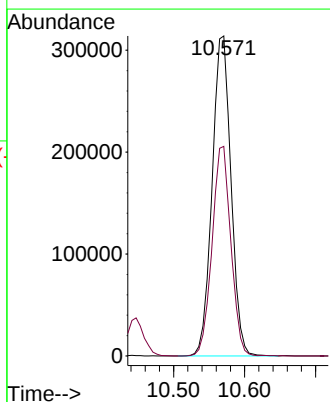
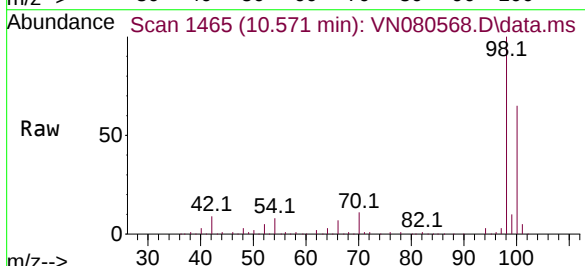
Acq: 21 Dec 2023 13:05

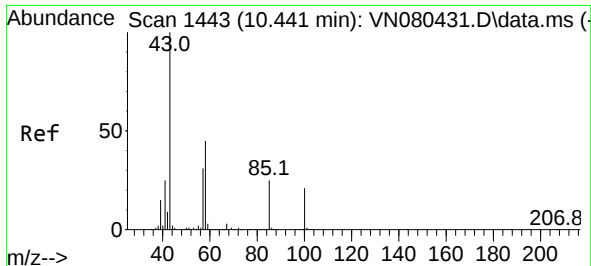
Tgt Ion: 98 Resp: 577229

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

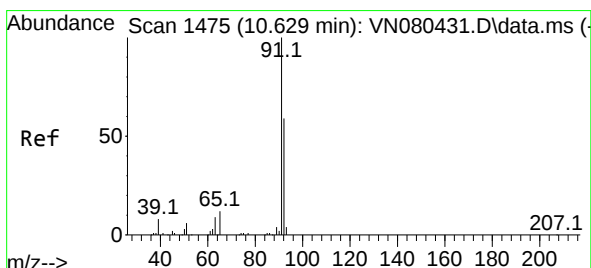
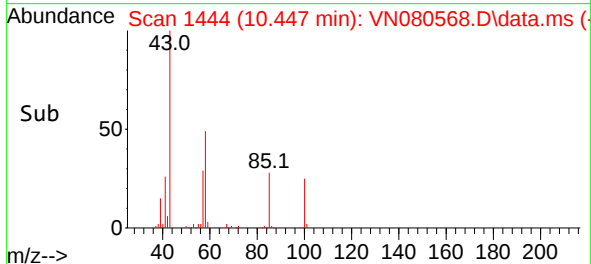
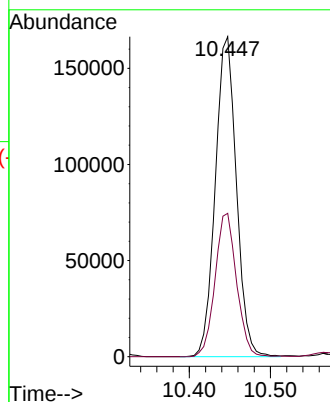
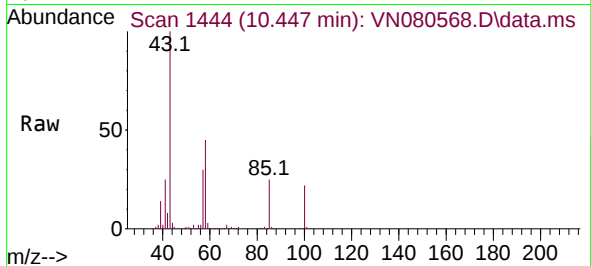




#51
4-Methyl-2-Pentanone
Concen: 95.420 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

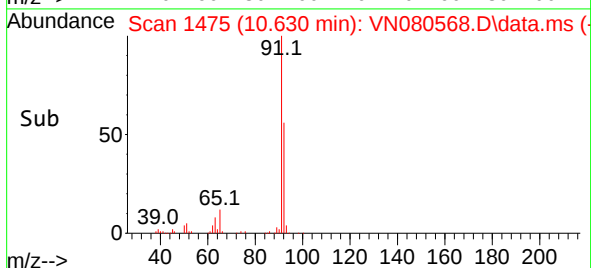
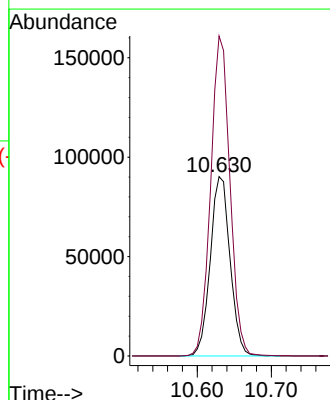
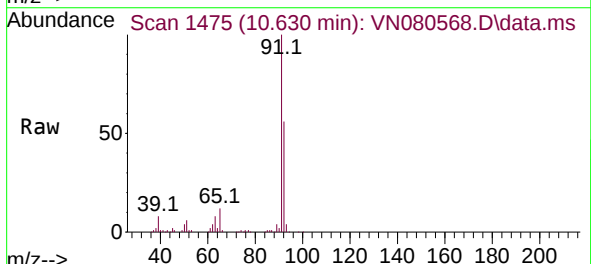
Instrument :
MSVOA_N
ClientSampleId :

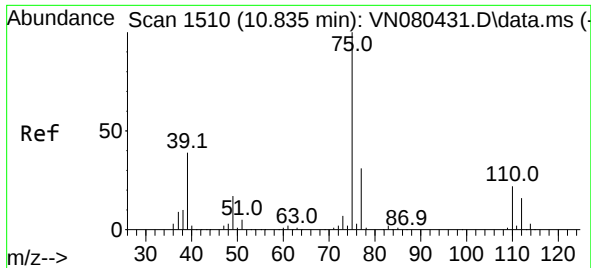
Tgt Ion: 43 Resp: 300715
Ion Ratio Lower Upper
43 100
58 45.7 36.6 54.8



#52
Toluene
Concen: 18.022 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 92 Resp: 167088
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0

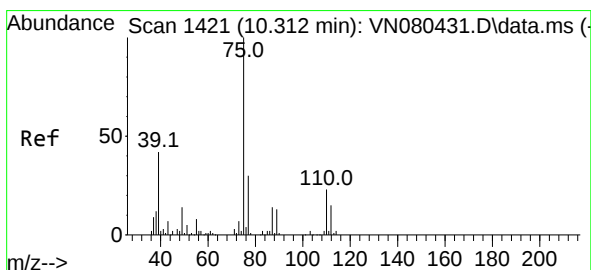
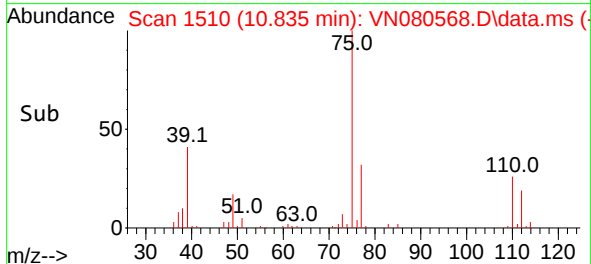
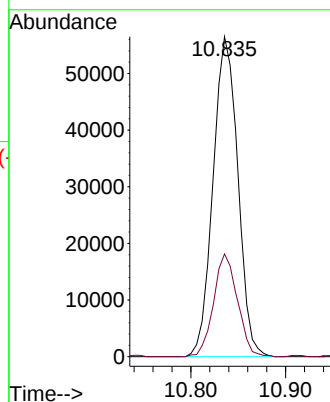
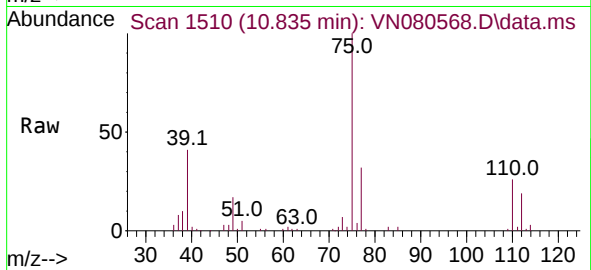




#53
t-1,3-Dichloropropene
Concen: 17.871 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

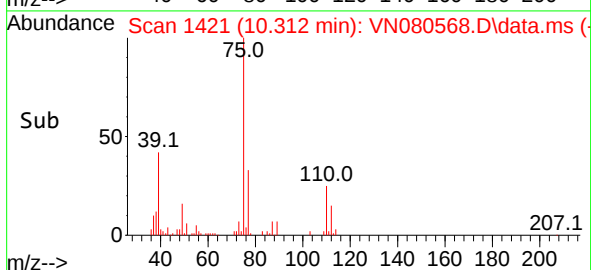
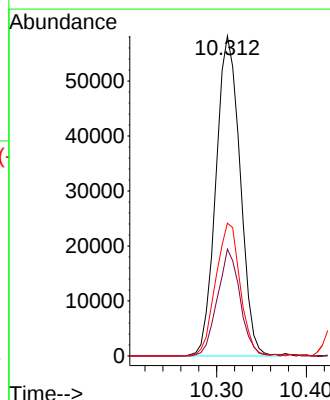
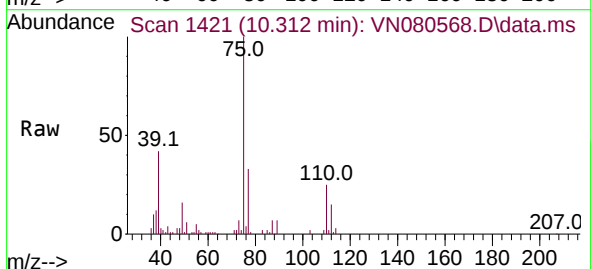
Instrument :
MSVOA_N
ClientSampleId :

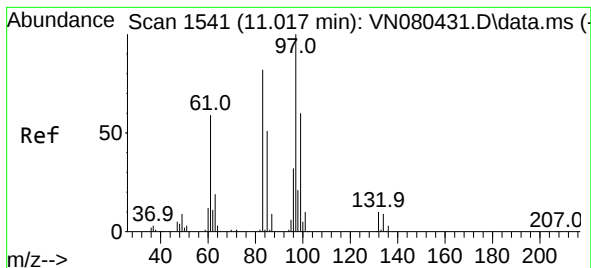
Tgt Ion: 75 Resp: 102575
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 17.753 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 75 Resp: 108919
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1
39 41.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.078 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 66980

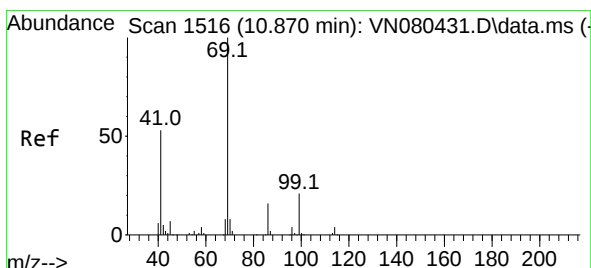
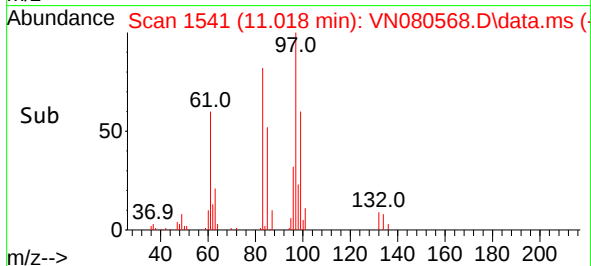
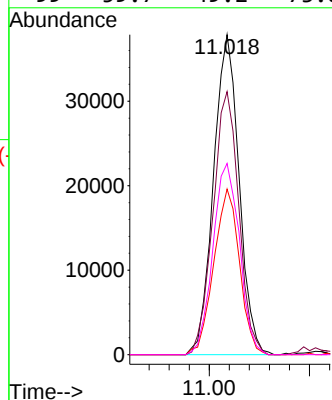
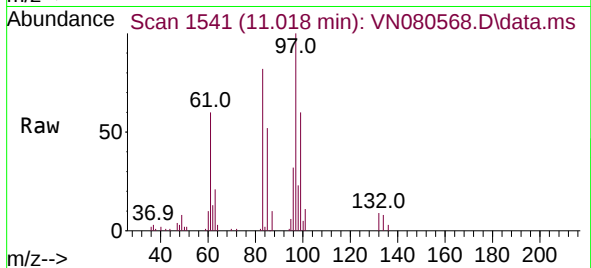
Ion Ratio Lower Upper

97 100

83 82.2 65.1 97.7

85 51.7 43.4 65.2

99 59.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 17.556 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

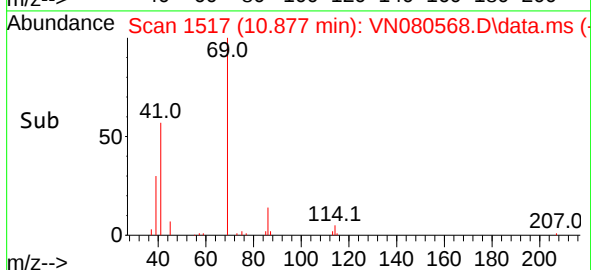
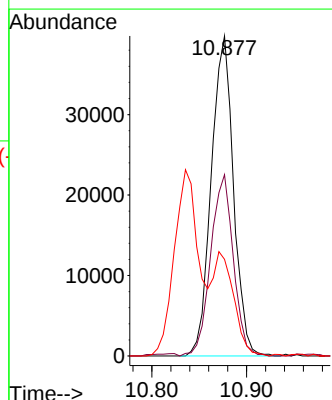
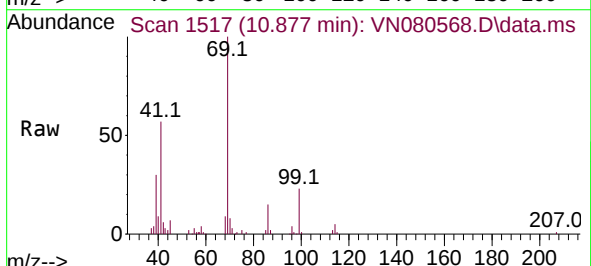
Tgt Ion: 69 Resp: 64842

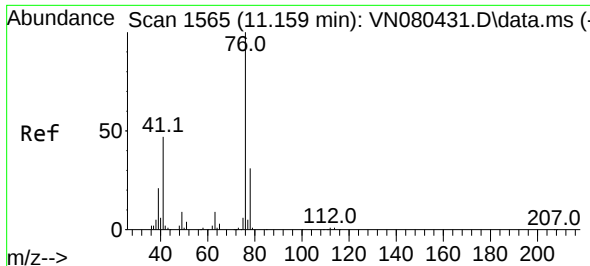
Ion Ratio Lower Upper

69 100

41 57.8 39.6 59.4

39 30.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.277 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

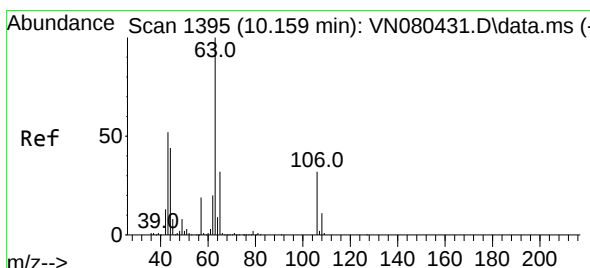
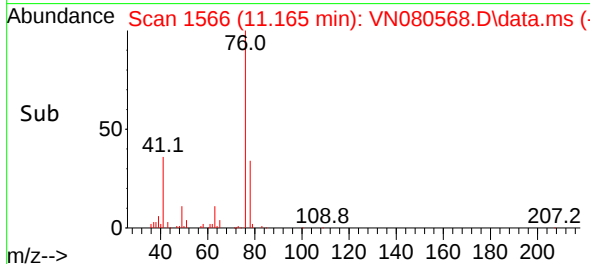
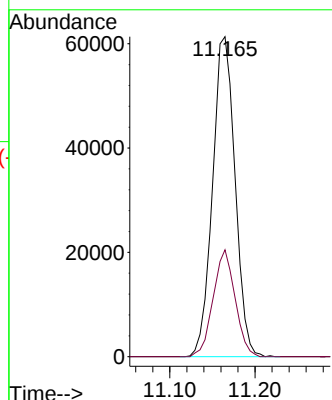
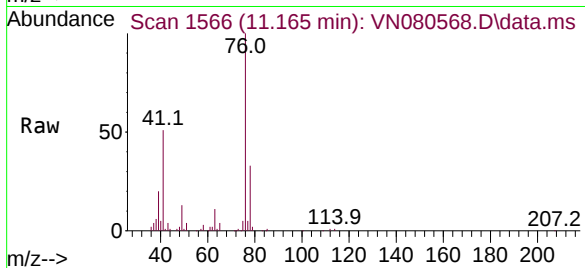
ClientSampleId :

Tgt Ion: 76 Resp: 112734

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 82.473 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080568.D

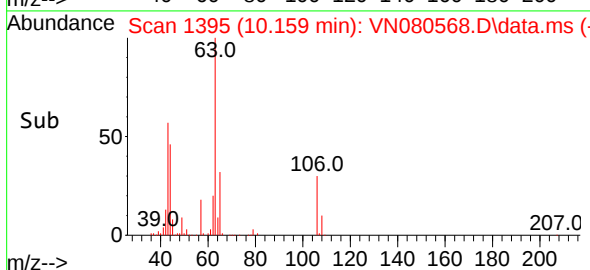
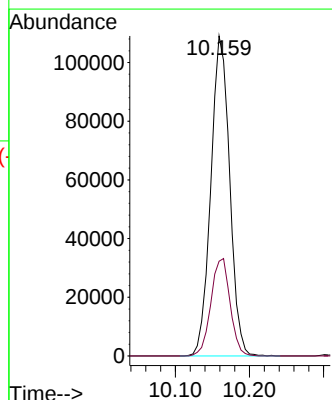
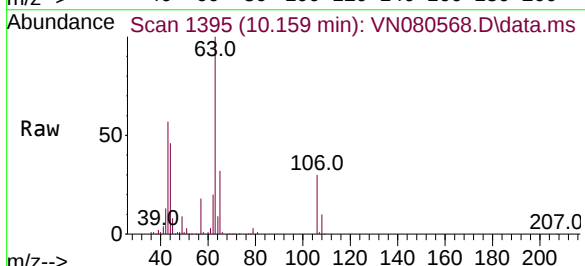
Acq: 21 Dec 2023 13:05

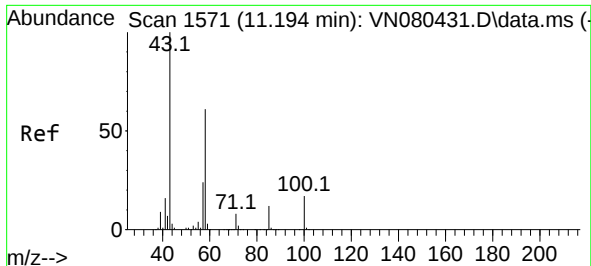
Tgt Ion: 63 Resp: 192298

Ion Ratio Lower Upper

63 100

106 31.0 26.2 39.4

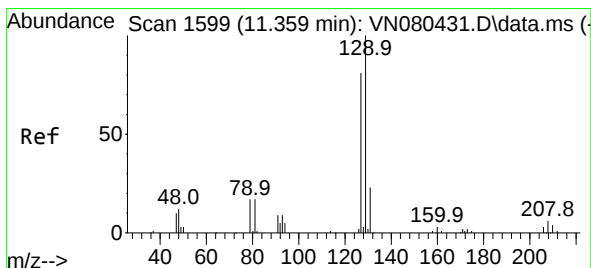
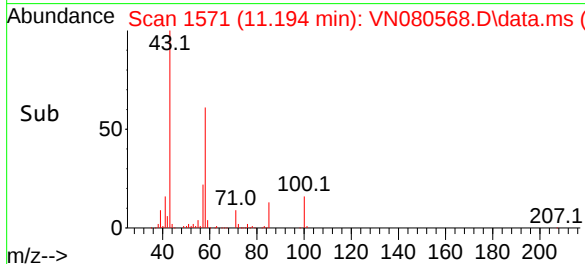
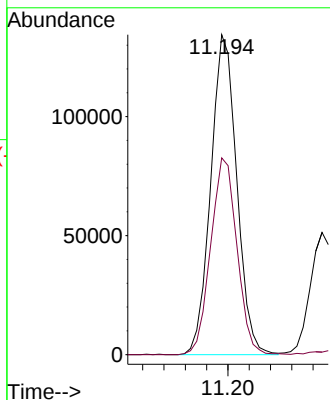
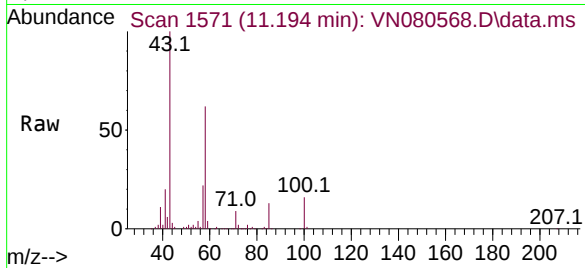




#59
2-Hexanone
Concen: 97.813 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

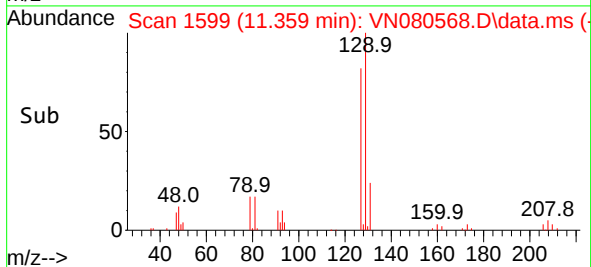
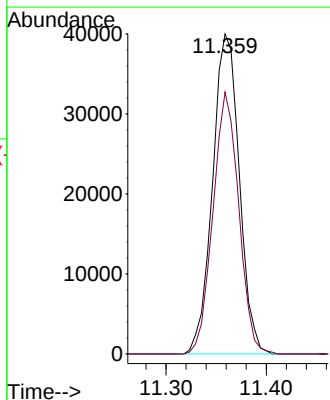
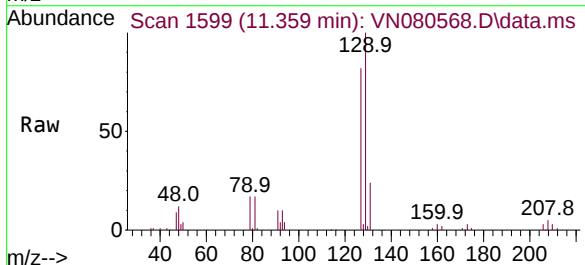
Instrument :
MSVOA_N
ClientSampleId :

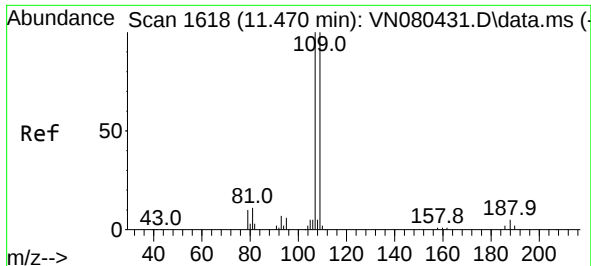
Tgt Ion: 43 Resp: 227570
Ion Ratio Lower Upper
43 100
58 62.2 31.7 95.1



#60
Dibromochloromethane
Concen: 18.757 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 129 Resp: 74148
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

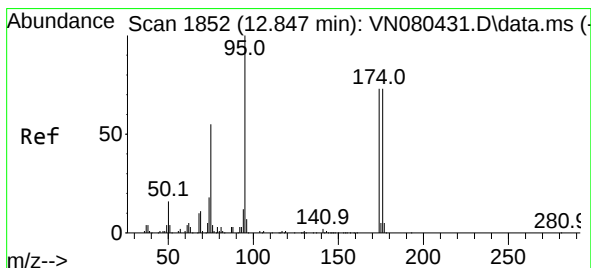
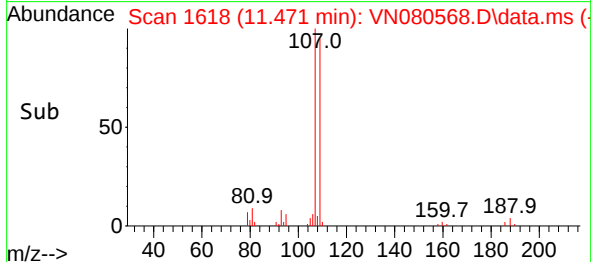
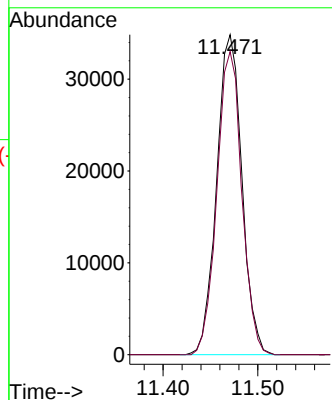
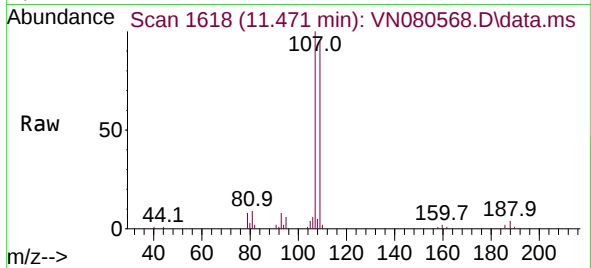




#61
1,2-Dibromoethane
Concen: 18.697 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

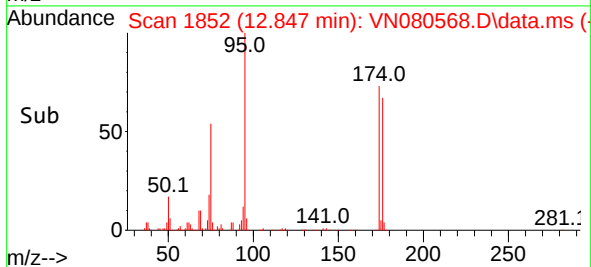
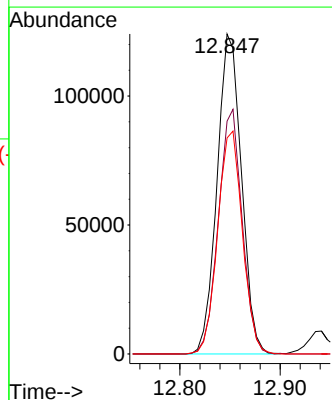
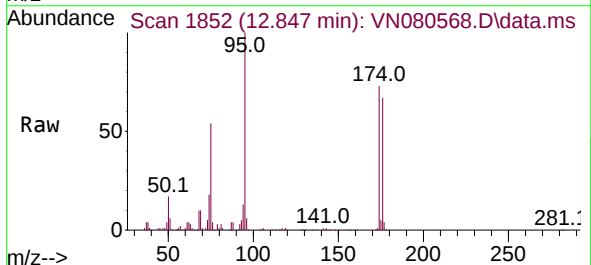
Instrument :
MSVOA_N
ClientSampleId :

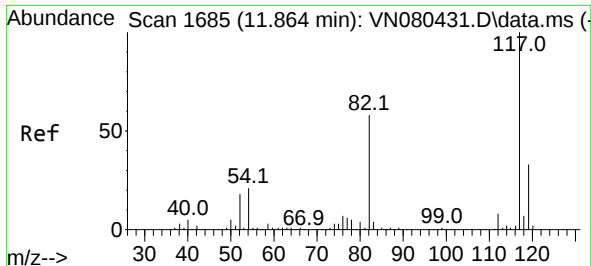
Tgt Ion:107 Resp: 64555
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 47.559 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 95 Resp: 209351
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 70.6 0.0 135.8

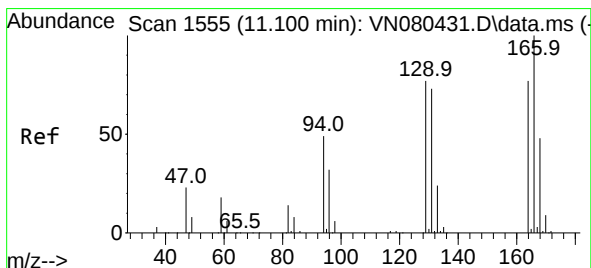
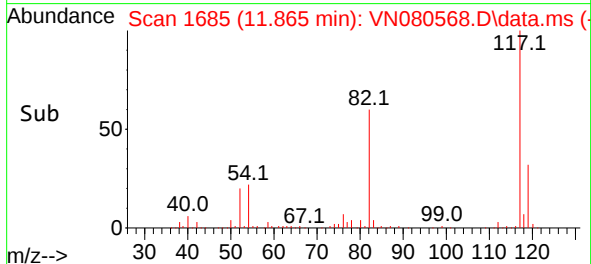
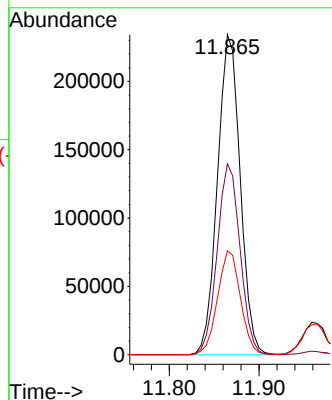
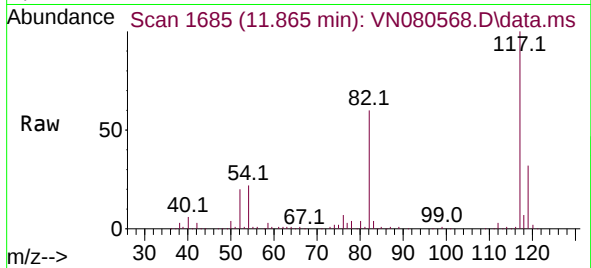




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

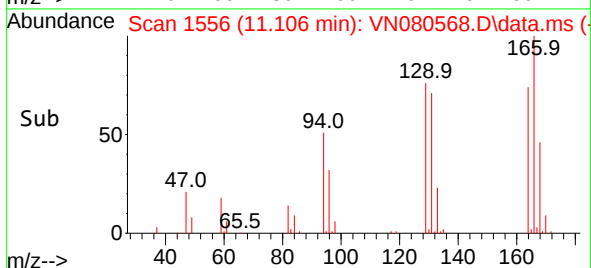
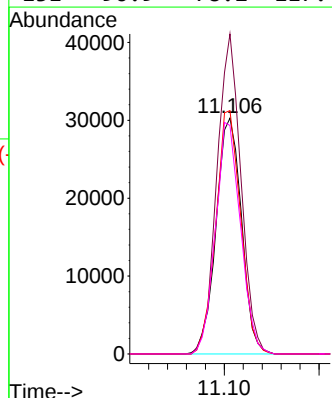
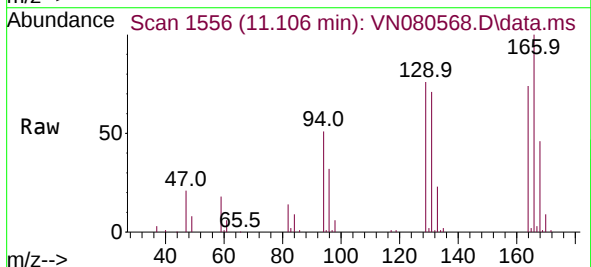
Instrument :
MSVOA_N
ClientSampleId :

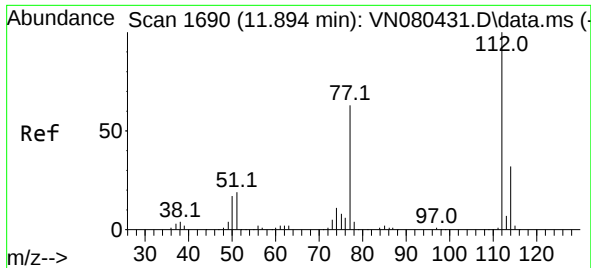
Tgt Ion:117 Resp: 411849
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 17.739 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion:164 Resp: 56407
Ion Ratio Lower Upper
164 100
166 135.7 101.4 152.0
129 103.2 82.4 123.6
131 96.9 78.2 117.4

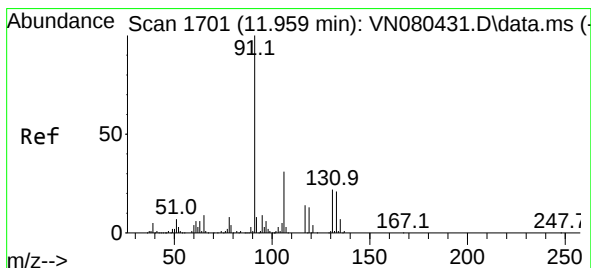
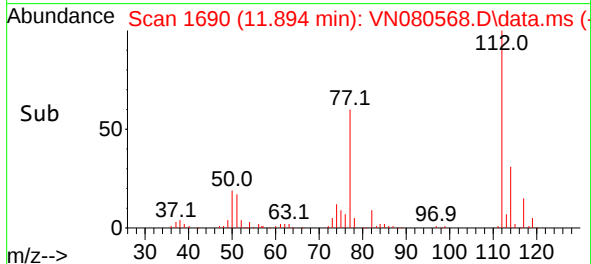
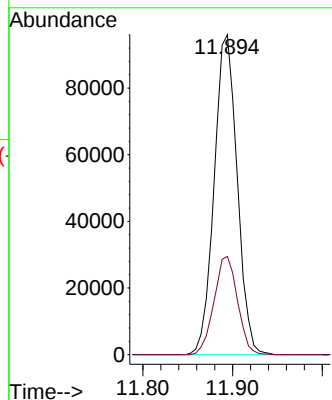
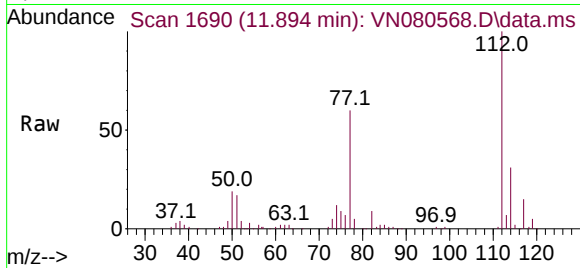




#65
Chlorobenzene
Concen: 18.638 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

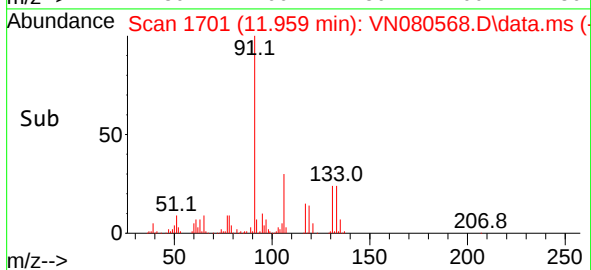
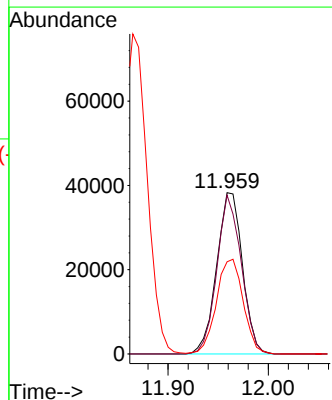
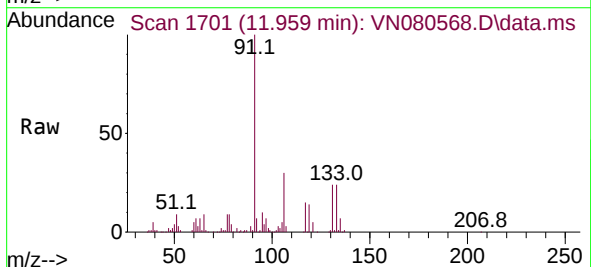
Instrument :
MSVOA_N
ClientSampleId :

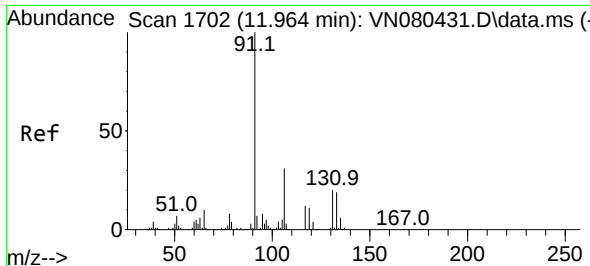
Tgt Ion:112 Resp: 170754
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.017 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion:131 Resp: 68364
Ion Ratio Lower Upper
131 100
133 93.2 46.4 139.1
119 61.3 34.1 102.2

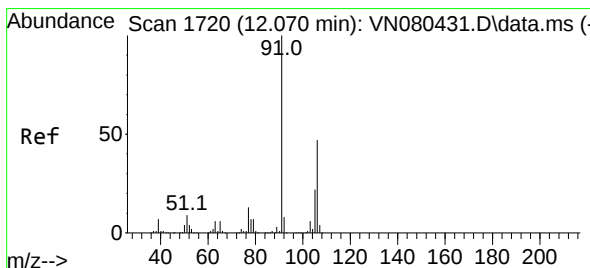
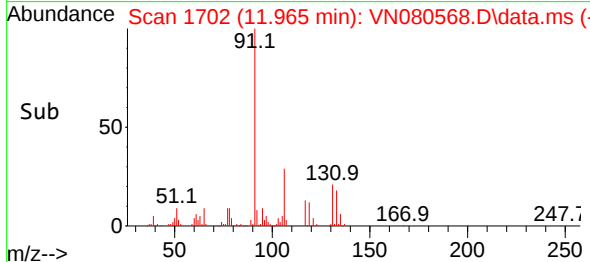
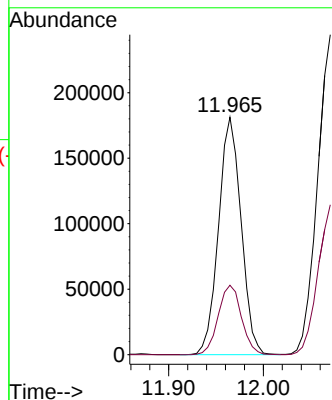
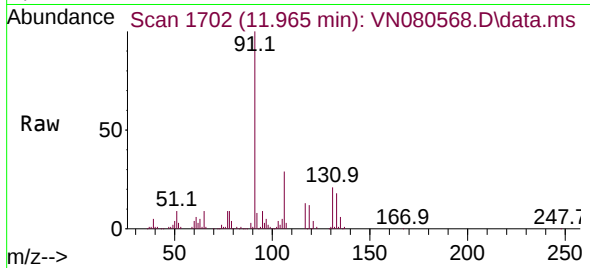




#67
Ethyl Benzene
Concen: 17.831 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

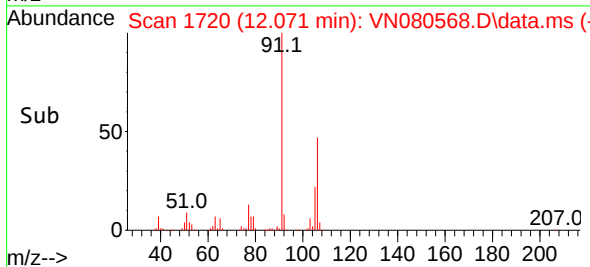
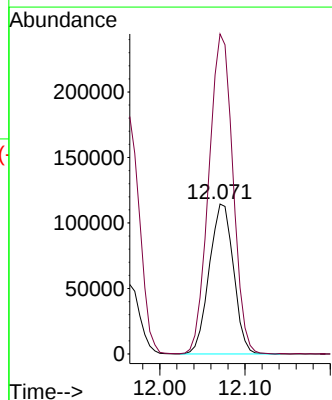
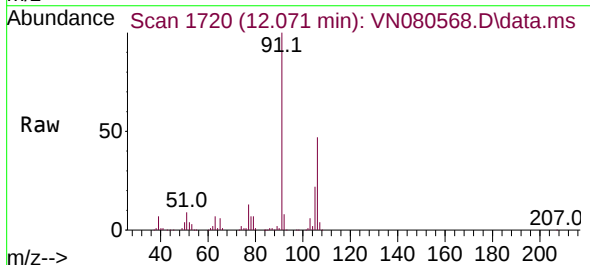
Instrument :
MSVOA_N
ClientSampleId :

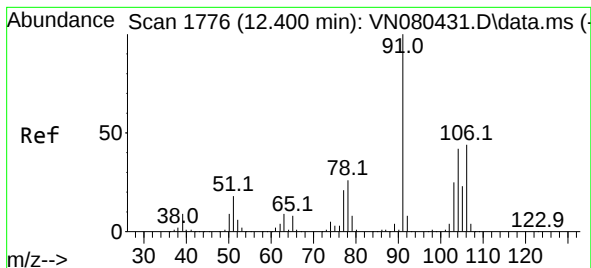
Tgt Ion: 91 Resp: 300387
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4



#68
m/p-Xylenes
Concen: 36.330 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion:106 Resp: 226156
Ion Ratio Lower Upper
106 100
91 212.5 159.6 239.4





#69

o-Xylene

Concen: 17.793 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

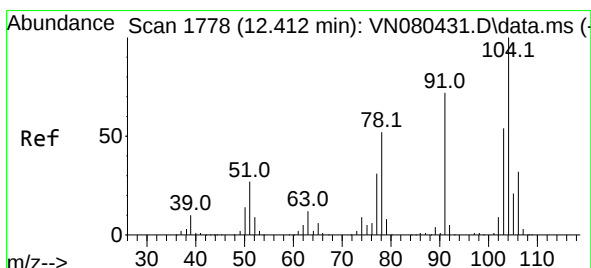
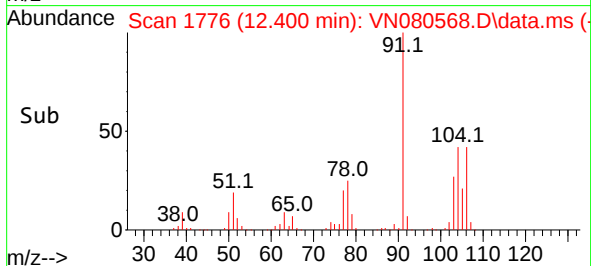
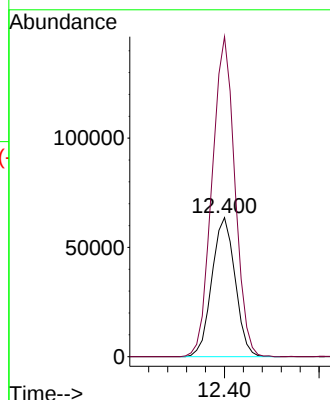
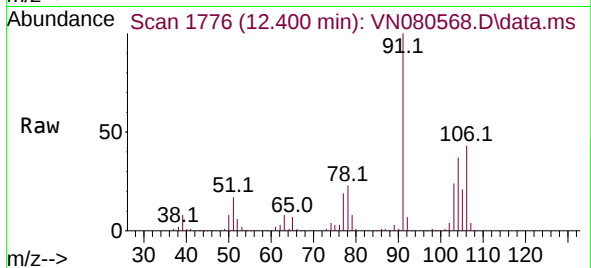
ClientSampleId :

Tgt Ion:106 Resp: 108334

Ion Ratio Lower Upper

106 100

91 226.2 105.2 315.5



#70

Styrene

Concen: 18.916 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

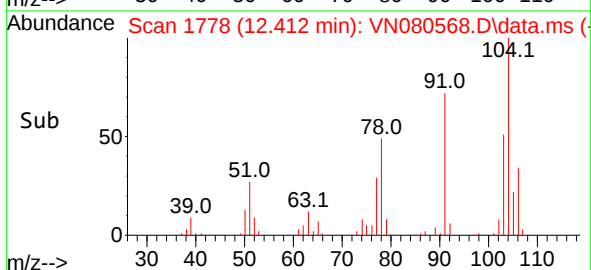
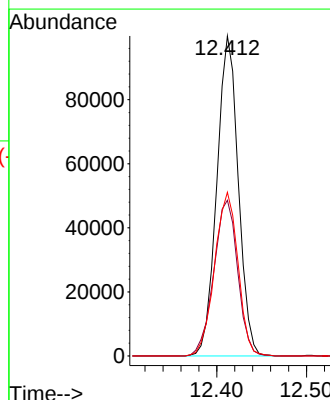
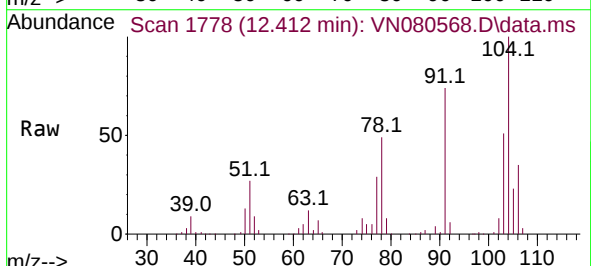
Tgt Ion:104 Resp: 165905

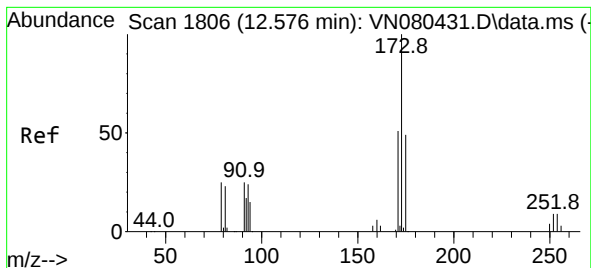
Ion Ratio Lower Upper

104 100

78 54.1 39.5 59.3

103 55.7 43.2 64.8





#71

Bromoform

Concen: 17.781 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

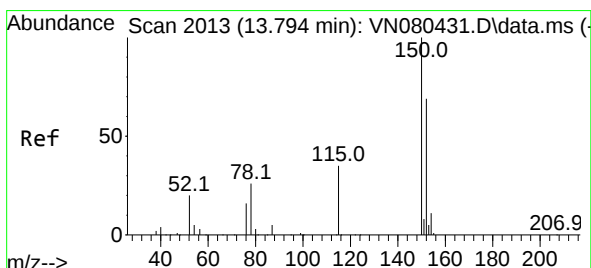
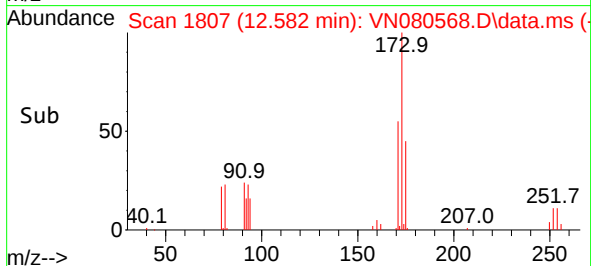
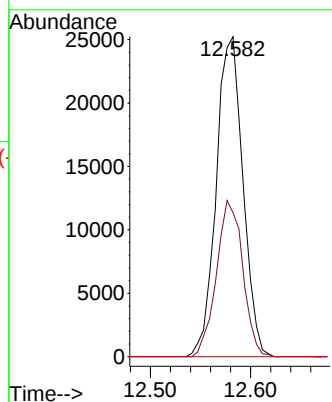
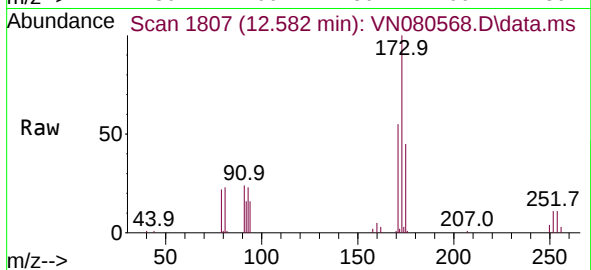
Tgt Ion:173 Resp: 46615

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

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: VN080568.D

Acq: 21 Dec 2023 13:05

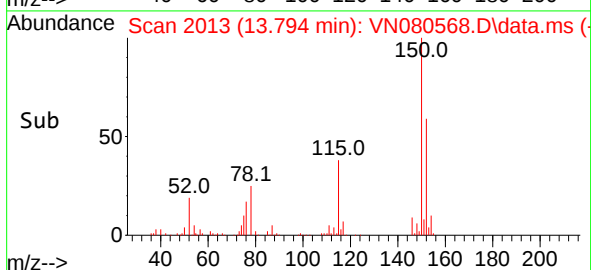
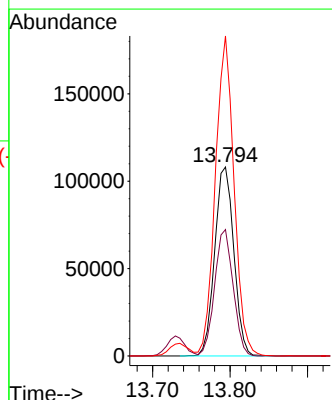
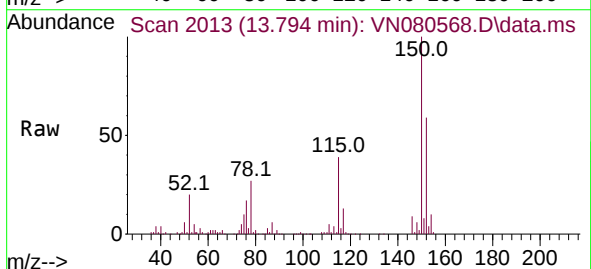
Tgt Ion:152 Resp: 185539

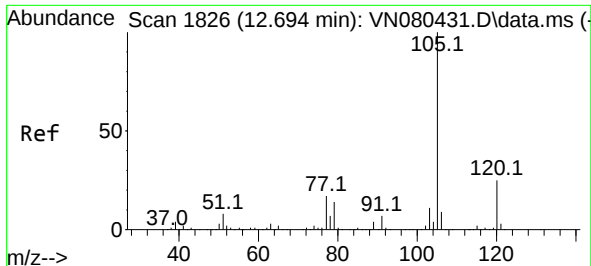
Ion Ratio Lower Upper

152 100

115 64.7 32.3 96.8

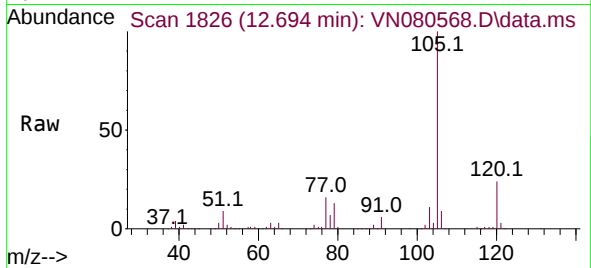
150 165.6 0.0 355.8



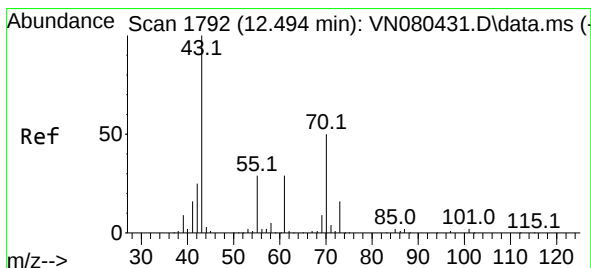
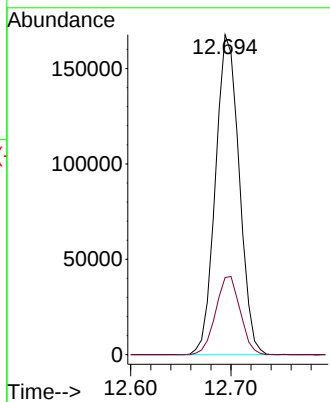
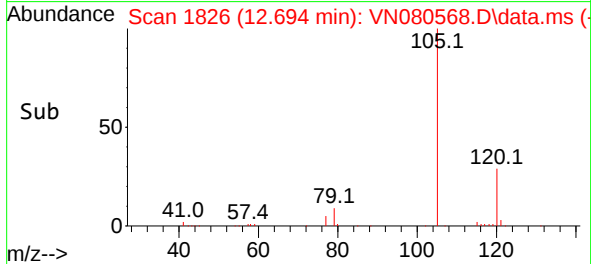


#73
Isopropylbenzene
Concen: 18.476 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

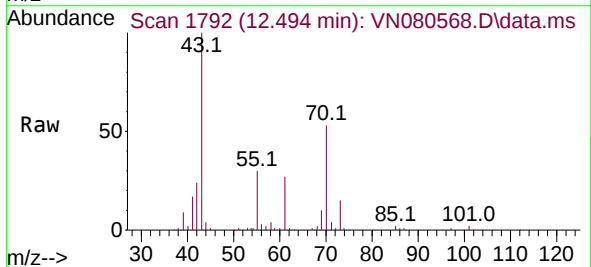
Instrument :
MSVOA_N
ClientSampleId :



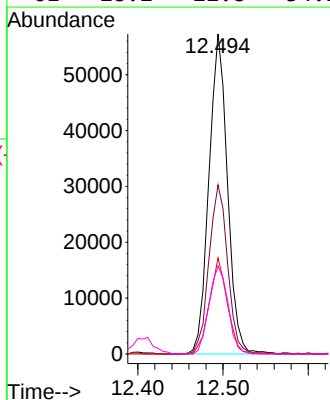
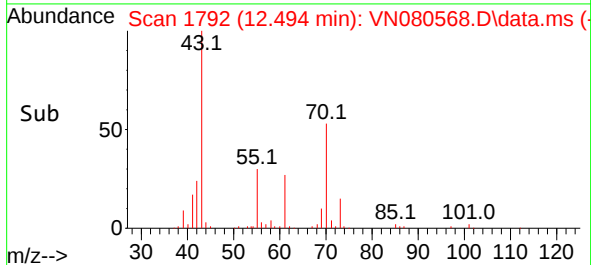
Tgt Ion:105 Resp: 275386
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

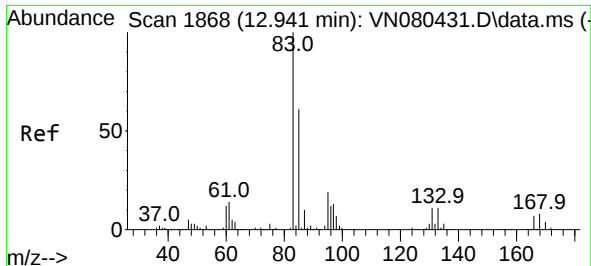


#74
N-ethyl acetate
Concen: 19.885 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05



Tgt Ion: 43 Resp: 86548
Ion Ratio Lower Upper
43 100
70 53.2 43.4 65.2
55 28.8 21.4 32.0
61 28.2 22.8 34.2

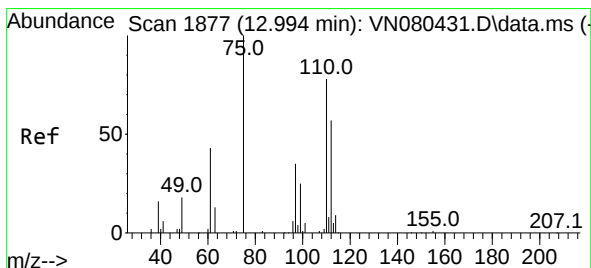
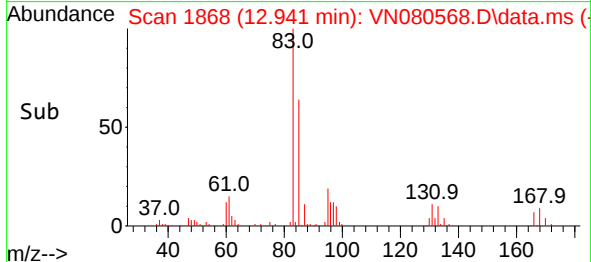
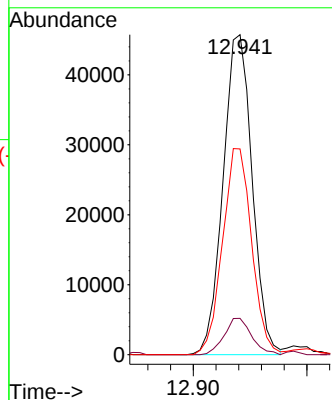
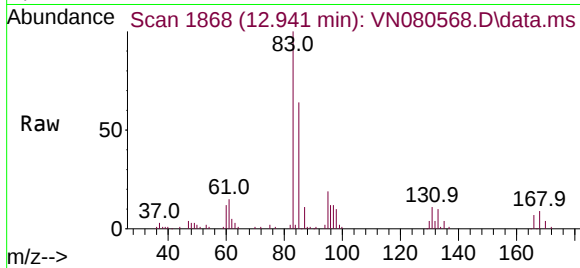




#75
1,1,2,2-Tetrachloroethane
Concen: 20.384 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

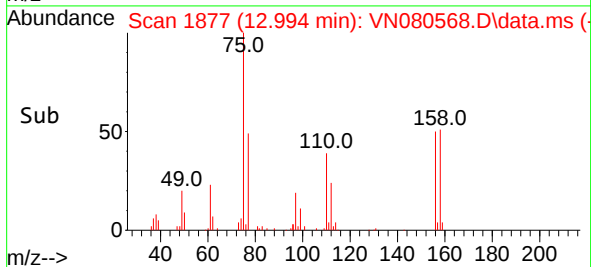
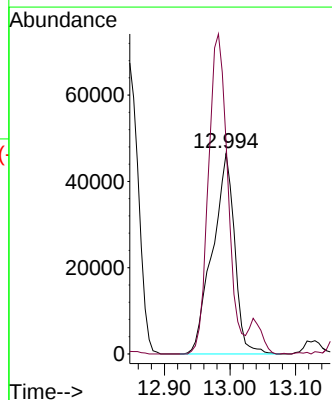
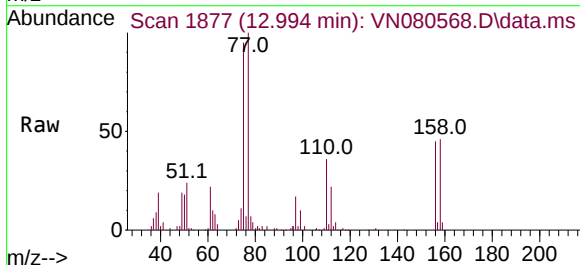
Instrument :
MSVOA_N
ClientSampleId :

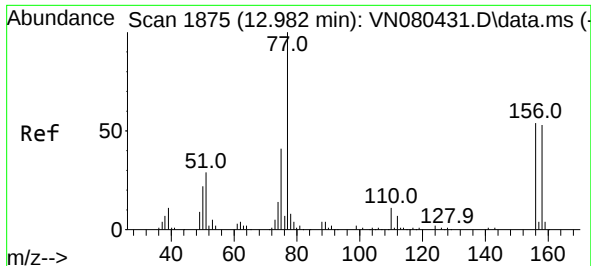
Tgt Ion: 83 Resp: 81412
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.387 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 75 Resp: 108773
Ion Ratio Lower Upper
75 100
77 139.7 84.5 253.5

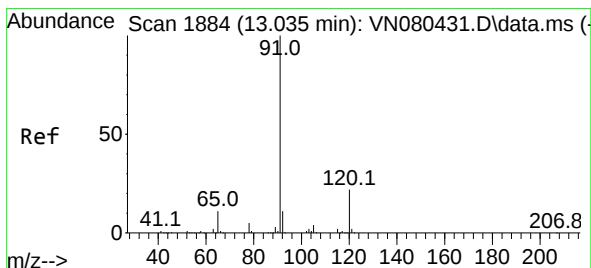
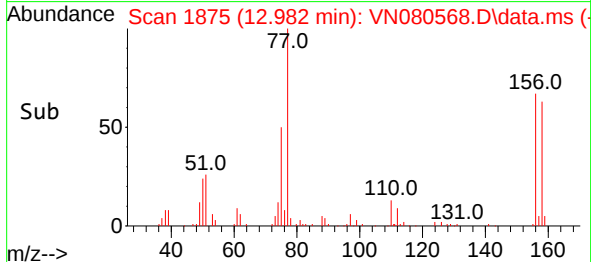
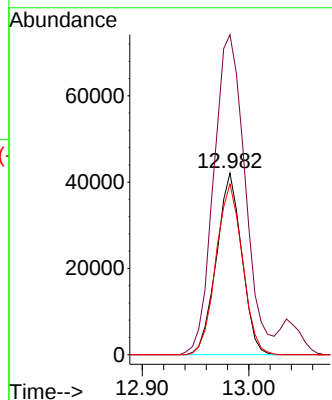
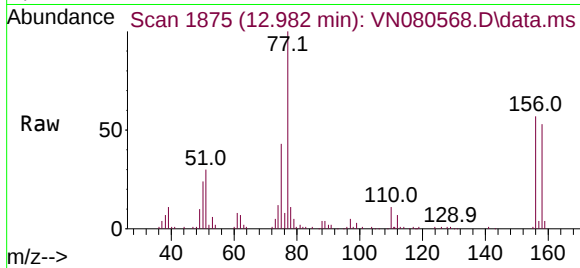




#77
Bromobenzene
Concen: 18.929 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

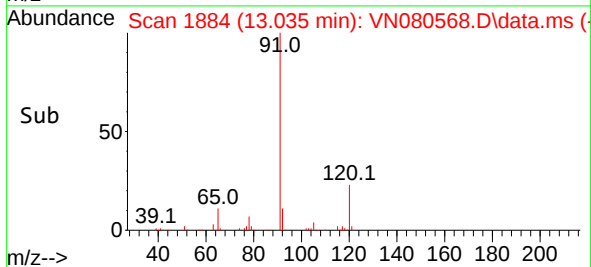
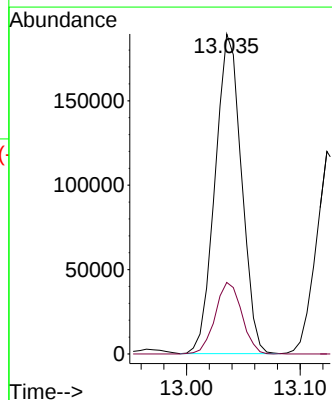
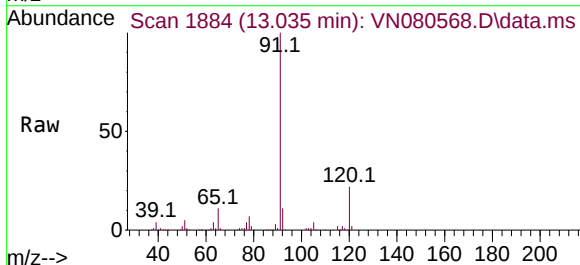
Instrument :
MSVOA_N
ClientSampleId :

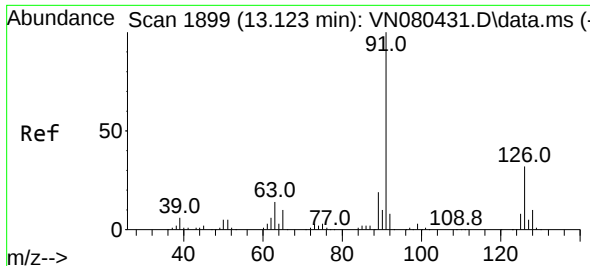
Tgt Ion:156 Resp: 69403
Ion Ratio Lower Upper
156 100
77 218.9 107.7 323.3
158 98.2 48.4 145.3



#78
n-propylbenzene
Concen: 18.618 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 91 Resp: 305962
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

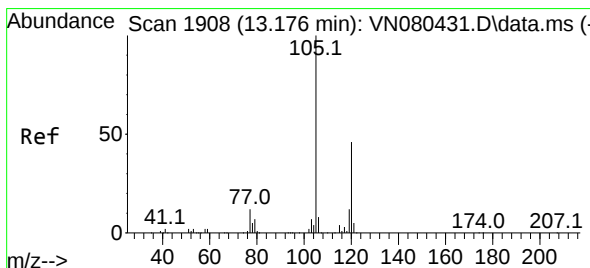
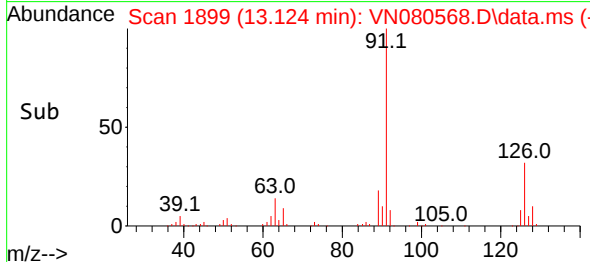
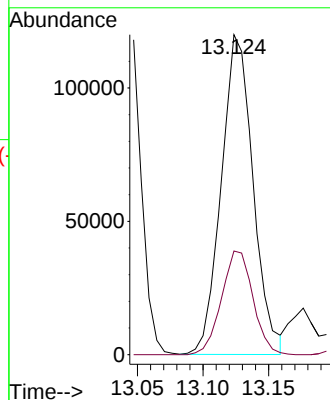
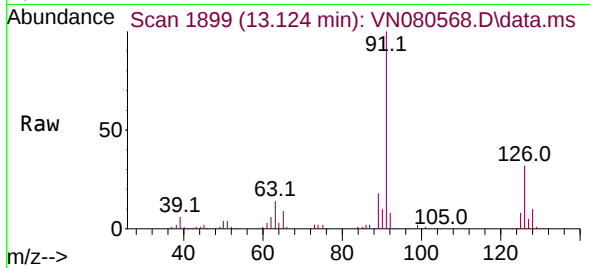




#79
2-Chlorotoluene
Concen: 18.862 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

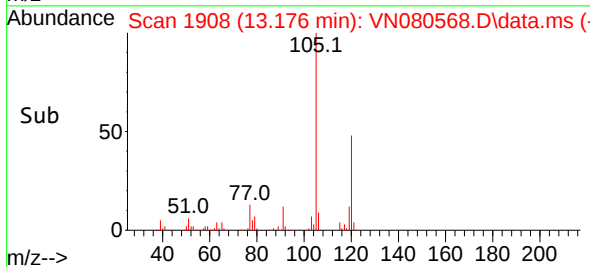
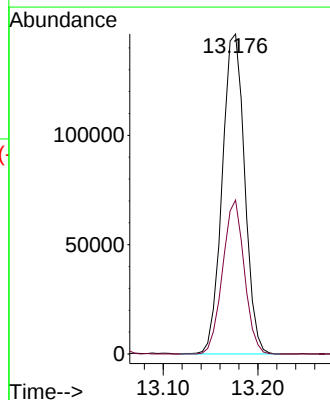
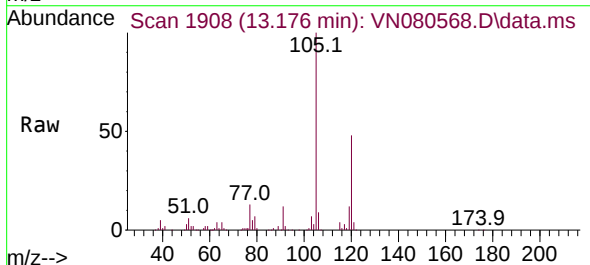
Instrument :
MSVOA_N
ClientSampleId :

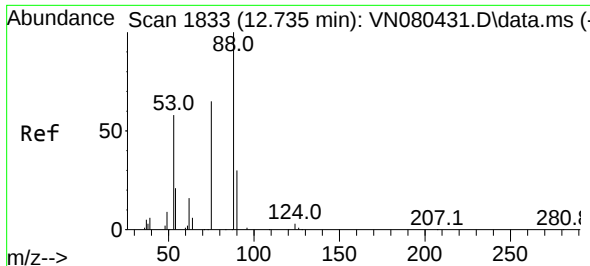
Tgt Ion: 91 Resp: 202368
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.786 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 105 Resp: 241156
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3

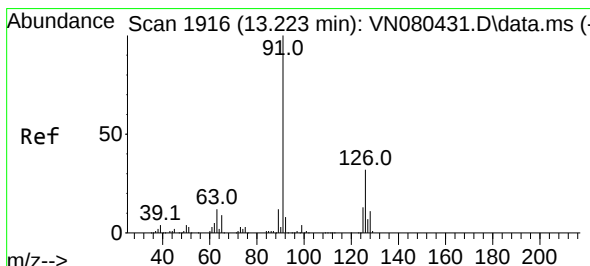
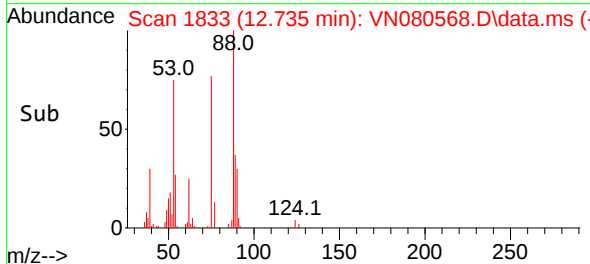
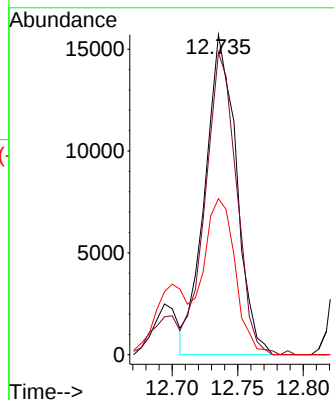
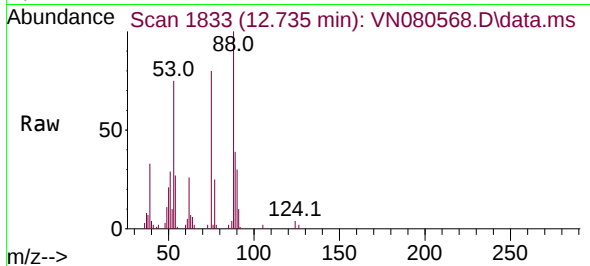




#81
trans-1,4-Dichloro-2-butene
Concen: 18.561 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

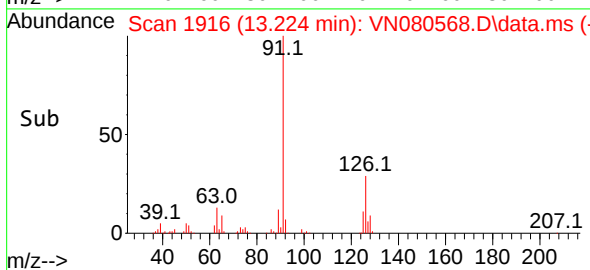
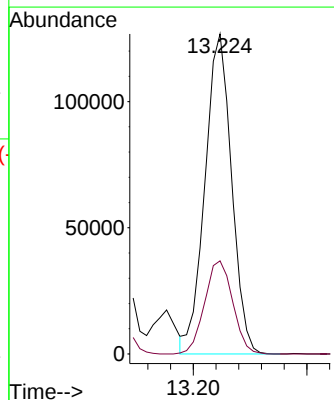
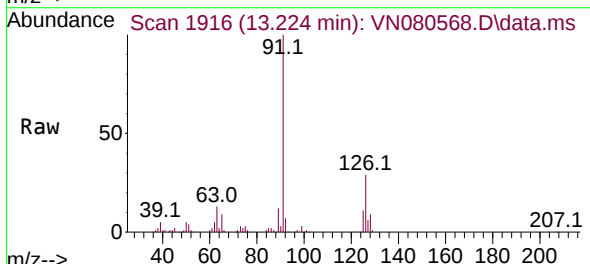
Instrument :
MSVOA_N
ClientSampleId :

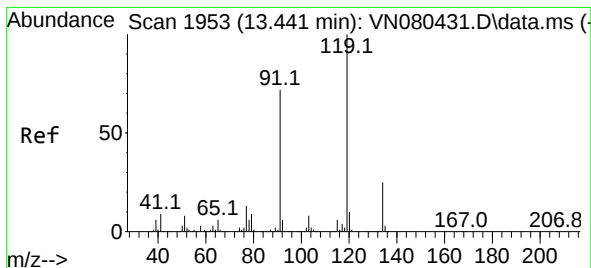
Tgt Ion: 75 Resp: 26166
Ion Ratio Lower Upper
75 100
53 94.0 67.4 101.2
89 49.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.716 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 91 Resp: 206393
Ion Ratio Lower Upper
91 100
126 30.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 17.768 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

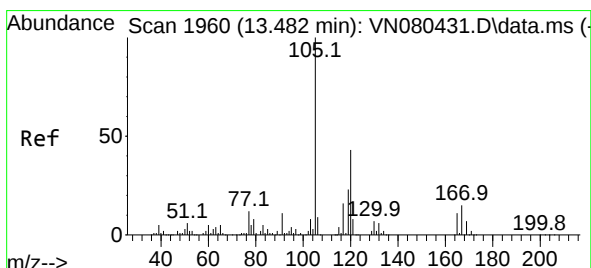
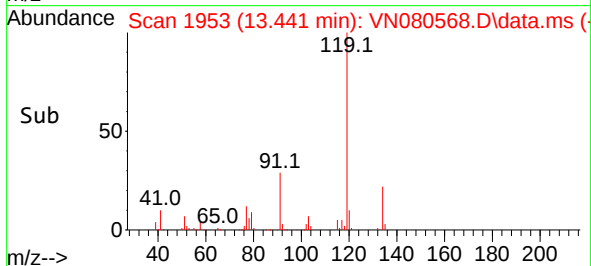
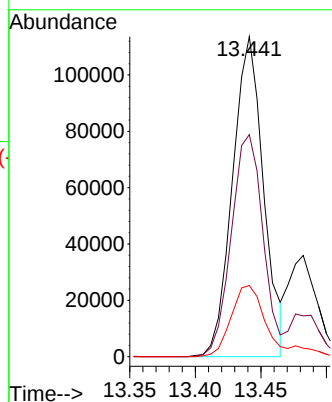
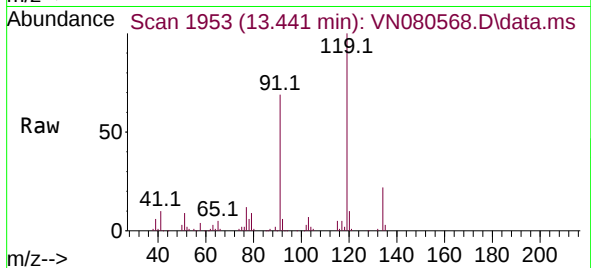
Tgt Ion:119 Resp: 186793

Ion Ratio Lower Upper

119 100

91 71.0 33.9 101.7

134 24.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.130 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080568.D

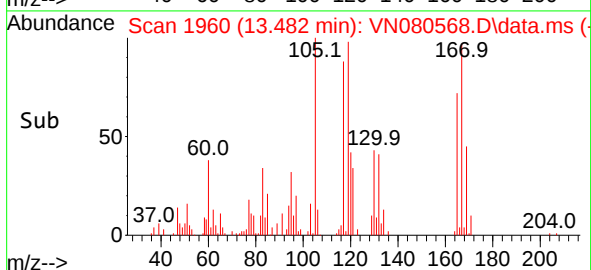
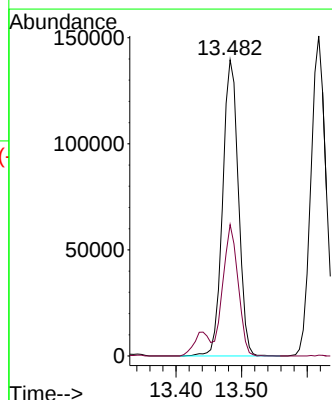
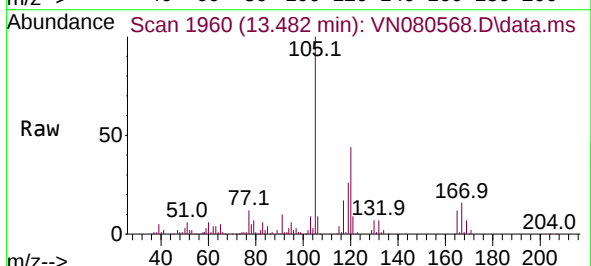
Acq: 21 Dec 2023 13:05

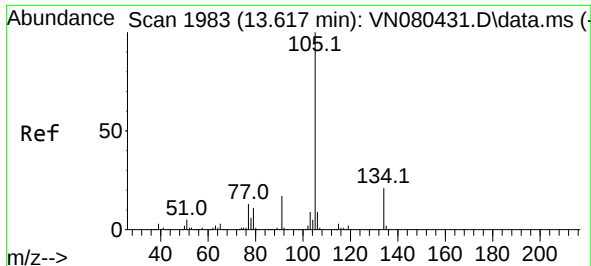
Tgt Ion:105 Resp: 231530

Ion Ratio Lower Upper

105 100

120 43.2 22.0 66.0

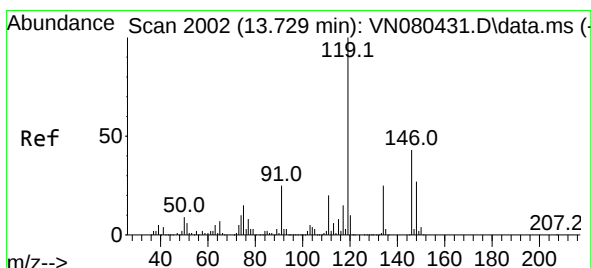
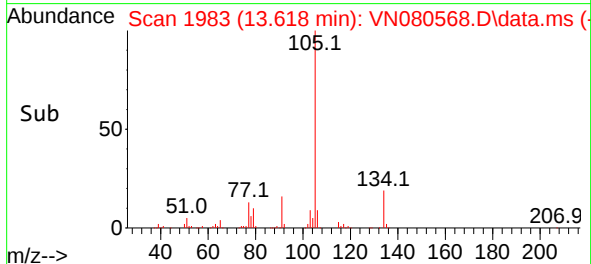
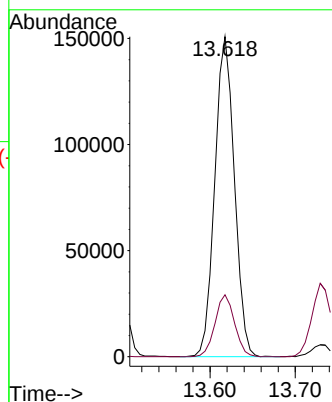
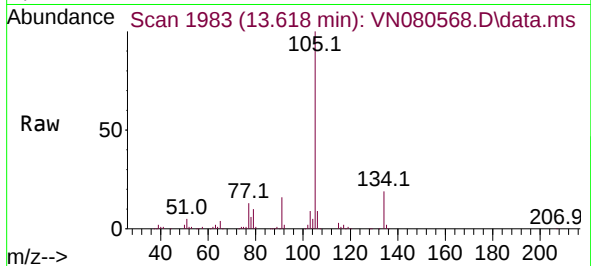




#85
 sec-Butylbenzene
 Concen: 17.907 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

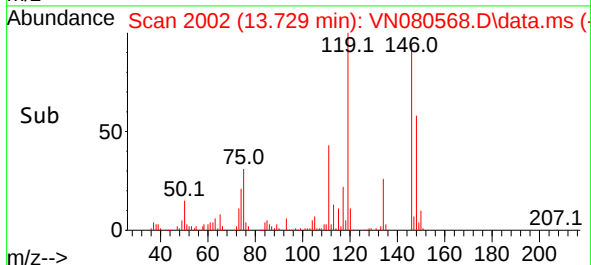
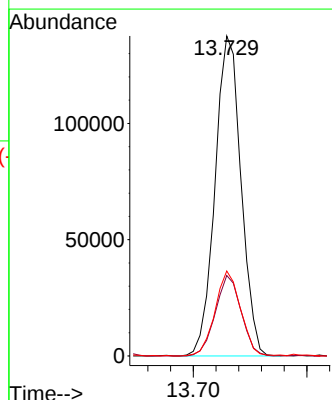
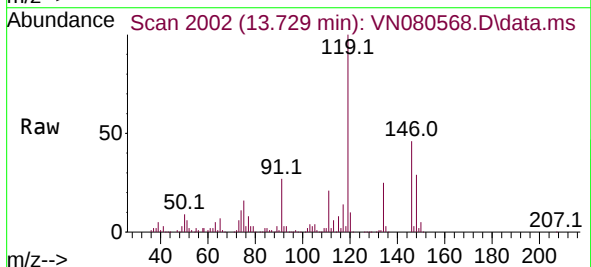
Instrument :
 MSVOA_N
 ClientSampleId :

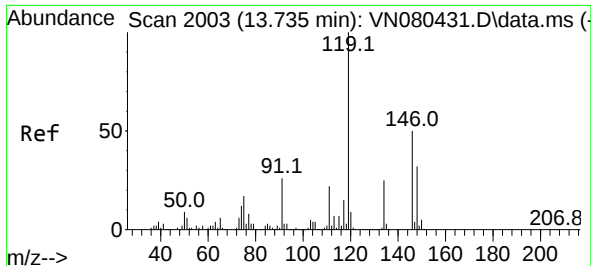
Tgt Ion:105 Resp: 240815
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.011 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080568.D
 Acq: 21 Dec 2023 13:05

Tgt Ion:119 Resp: 218698
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 26.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.874 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

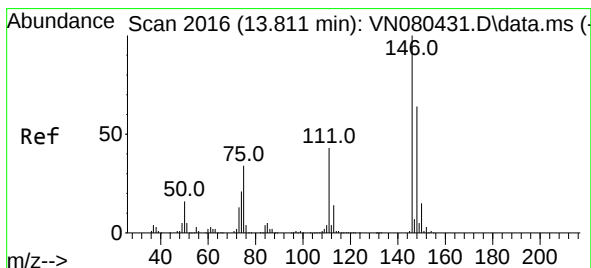
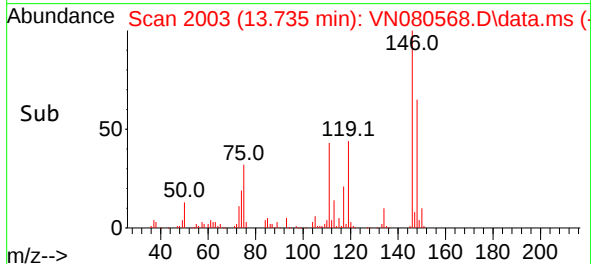
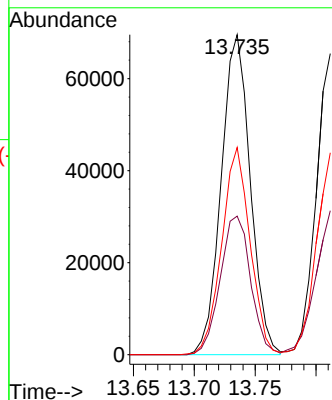
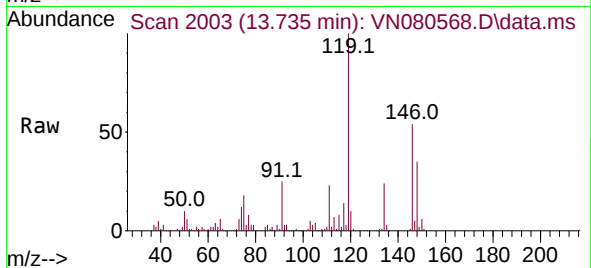
Tgt Ion:146 Resp: 115470

Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.3

148 63.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 17.512 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

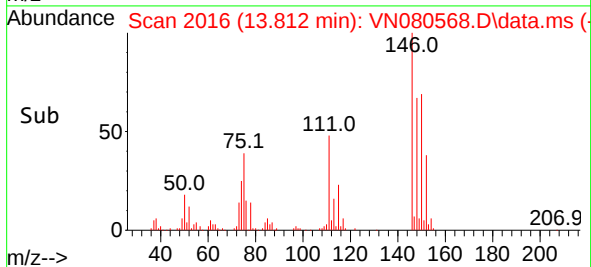
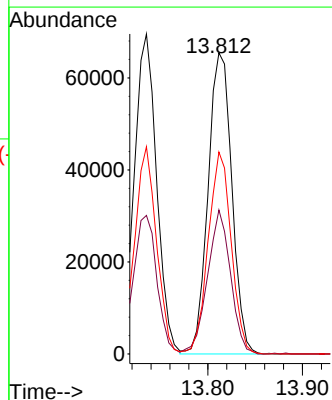
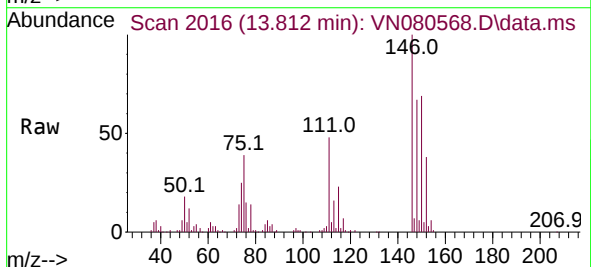
Tgt Ion:146 Resp: 114196

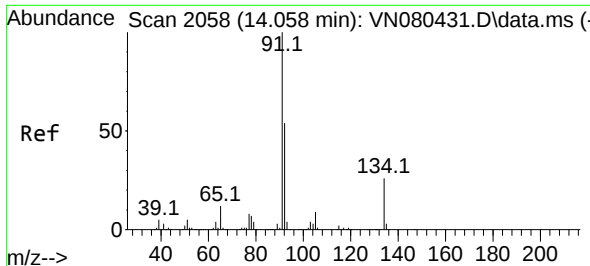
Ion Ratio Lower Upper

146 100

111 46.3 20.6 61.8

148 65.0 31.6 94.8

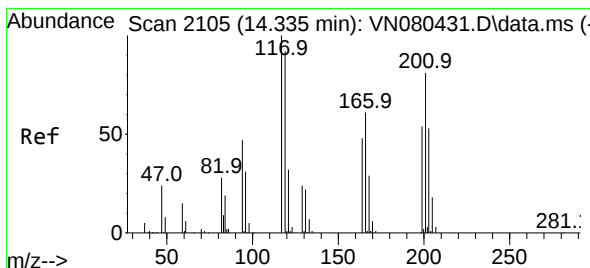
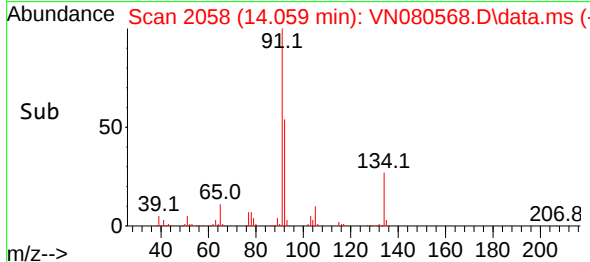
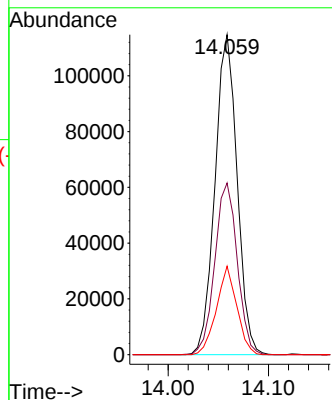
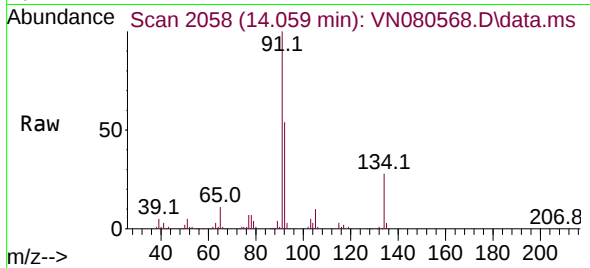




#89
n-Butylbenzene
Concen: 17.314 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

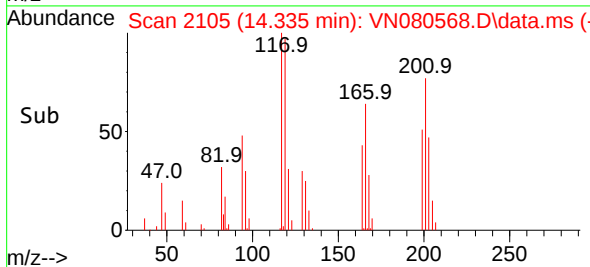
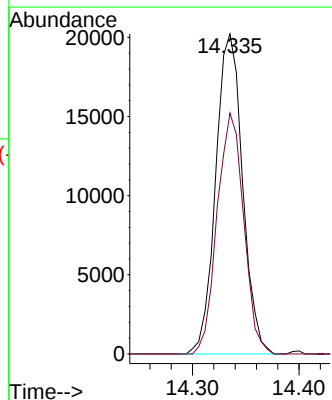
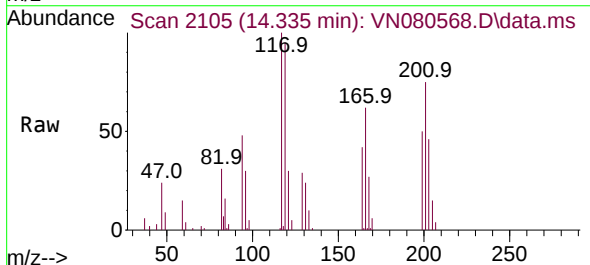
Instrument :
MSVOA_N
ClientSampleId :

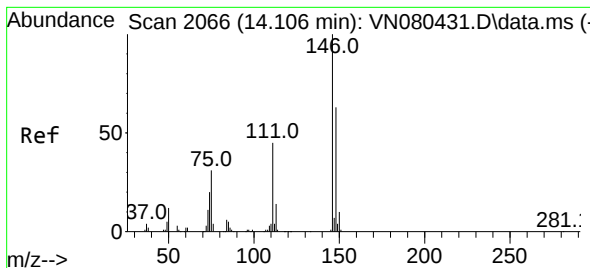
Tgt Ion: 91 Resp: 175567
Ion Ratio Lower Upper
91 100
92 54.5 26.4 79.0
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 18.316 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080568.D
Acq: 21 Dec 2023 13:05

Tgt Ion: 117 Resp: 35321
Ion Ratio Lower Upper
117 100
201 74.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.325 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

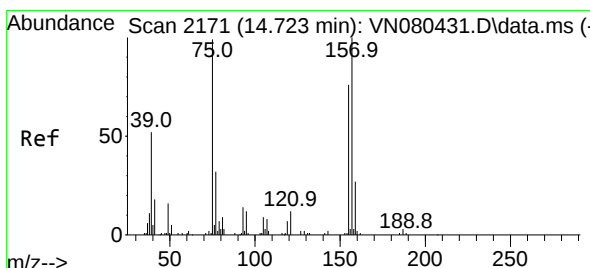
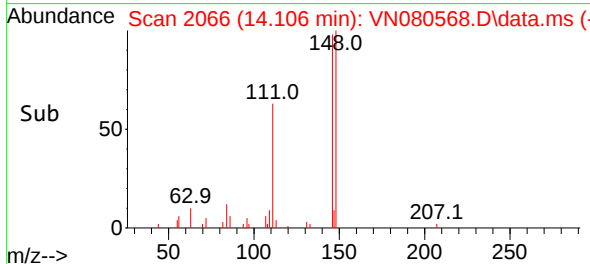
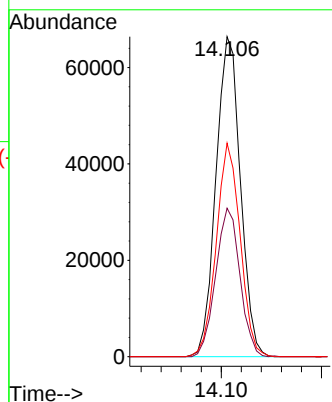
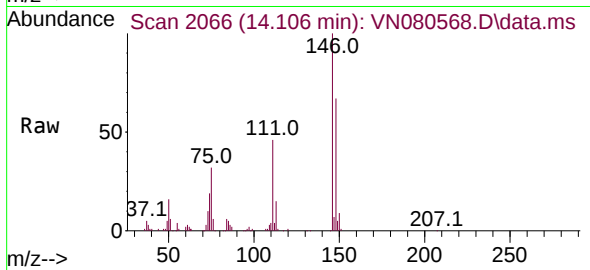
Tgt Ion:146 Resp: 112412

Ion Ratio Lower Upper

146 100

111 46.0 22.0 66.0

148 65.0 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.750 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

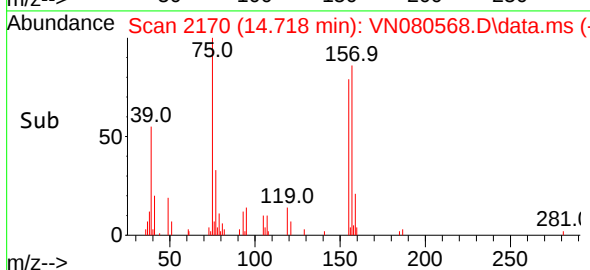
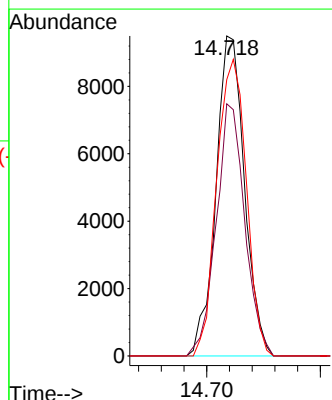
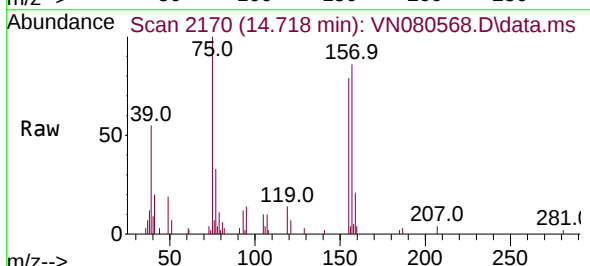
Tgt Ion: 75 Resp: 16592

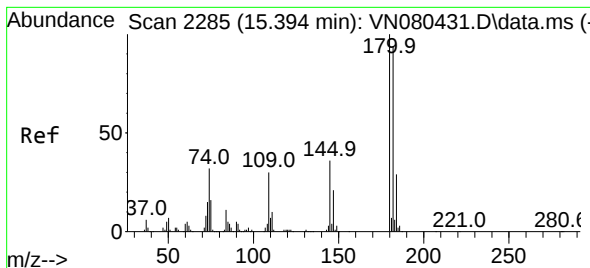
Ion Ratio Lower Upper

75 100

155 78.8 39.1 117.2

157 95.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.093 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

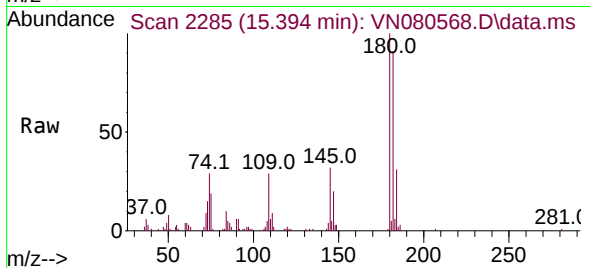
Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :



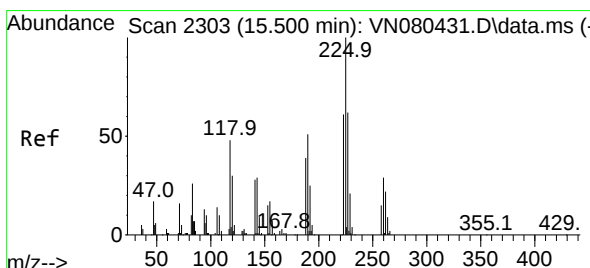
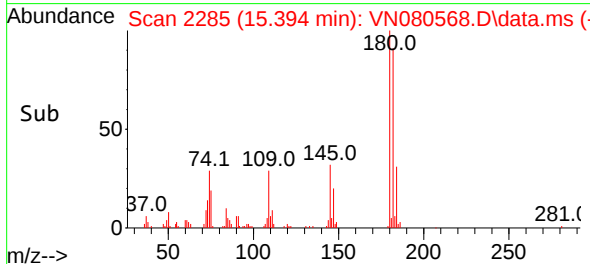
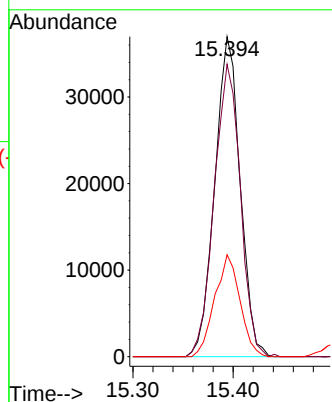
Tgt Ion:180 Resp: 65030

Ion Ratio Lower Upper

180 100

182 94.1 46.1 138.2

145 31.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 16.694 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

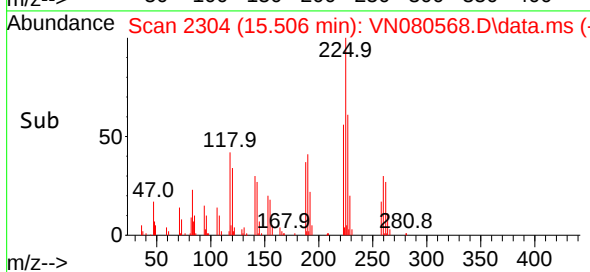
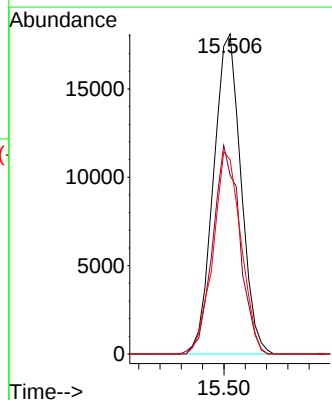
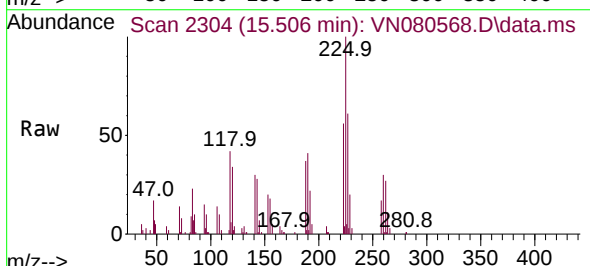
Tgt Ion:225 Resp: 32370

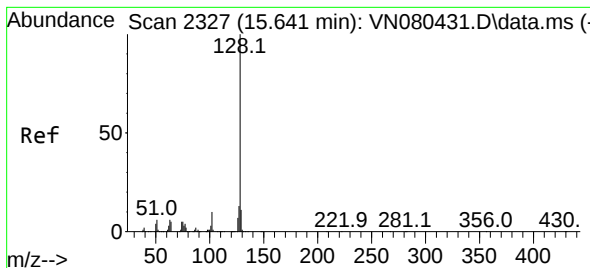
Ion Ratio Lower Upper

225 100

223 64.2 31.3 93.8

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 18.900 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

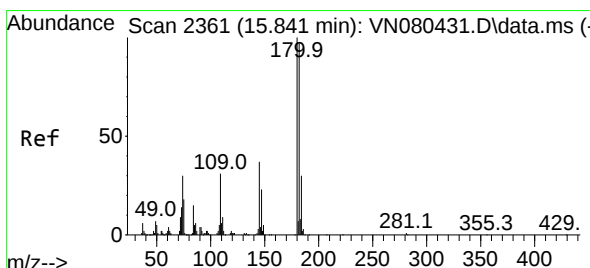
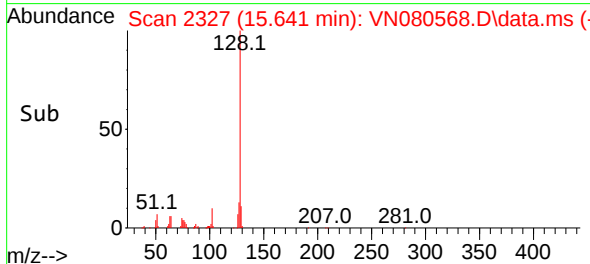
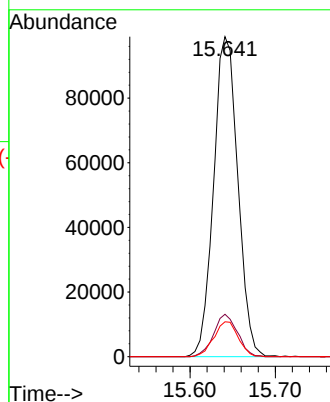
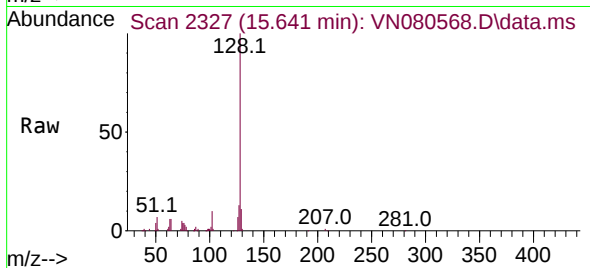
Tgt Ion:128 Resp: 195474

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.547 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080568.D

Acq: 21 Dec 2023 13:05

Tgt Ion:180 Resp: 60958

Ion Ratio Lower Upper

180 100

182 97.3 46.2 138.6

145 36.6 17.5 52.6

