

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082982.D
 Acq On : 19 Jul 2024 12:23
 Operator : JC\MD
 Sample : VN0719WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Quant Time: Jul 22 02:03:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	83302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	144043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	134121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	63701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	66788	57.195	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.380%	
35) Dibromofluoromethane	8.165	113	51749	55.988	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.980%	
50) Toluene-d8	10.565	98	191585	56.120	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.240%	
62) 4-Bromofluorobenzene	12.847	95	59886	48.835	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	22157	20.545	ug/l	98
3) Chloromethane	2.365	50	18048	17.646	ug/l	99
4) Vinyl Chloride	2.518	62	20949	19.503	ug/l	98
5) Bromomethane	2.959	94	15713	20.289	ug/l	94
6) Chloroethane	3.118	64	16493	22.437	ug/l	93
7) Trichlorofluoromethane	3.500	101	33858	21.915	ug/l	94
8) Diethyl Ether	3.965	74	10230	19.348	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	20485	23.428	ug/l	98
10) Methyl Iodide	4.589	142	16928	18.883	ug/l	98
11) Tert butyl alcohol	5.518	59	16666	84.855	ug/l	100
12) 1,1-Dichloroethene	4.342	96	17335	20.385	ug/l	88
13) Acrolein	4.183	56	9947	70.149	ug/l	99
14) Allyl chloride	5.030	41	24463	18.450	ug/l #	95
15) Acrylonitrile	5.724	53	47014	104.159	ug/l	98
16) Acetone	4.430	43	39523	96.134	ug/l	97
17) Carbon Disulfide	4.718	76	44902	17.671	ug/l	99
18) Methyl Acetate	5.030	43	26030	23.927	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	58545	19.958	ug/l	92
20) Methylene Chloride	5.277	84	22012	22.170	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	18882	20.492	ug/l	83
22) Diisopropyl ether	6.665	45	60938	21.968	ug/l #	94
23) Vinyl Acetate	6.606	43	250165	113.564	ug/l	96
24) 1,1-Dichloroethane	6.571	63	38482	22.871	ug/l	96
25) 2-Butanone	7.488	43	60681	97.750	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	33543	21.441	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	22555	20.909	ug/l	90
28) Bromochloromethane	7.818	49	17976	24.904	ug/l	85
29) Tetrahydrofuran	7.847	42	39528	101.143	ug/l #	87
30) Chloroform	7.965	83	41976	23.516	ug/l	96
31) Cyclohexane	8.259	56	28372	18.584	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	37706	22.751	ug/l	92
36) 1,1-Dichloropropene	8.371	75	26050	20.442	ug/l	98
37) Ethyl Acetate	7.565	43	26187	20.184	ug/l	96
38) Carbon Tetrachloride	8.365	117	31282	20.388	ug/l	96
39) Methylcyclohexane	9.600	83	24294	17.649	ug/l	97
40) Benzene	8.606	78	84146	21.466	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	13345	19.093	ug/l	92
42) 1,2-Dichloroethane	8.671	62	31697	22.461	ug/l	98
43) Isopropyl Acetate	8.688	43	49606	18.402	ug/l	96
44) Trichloroethene	9.353	130	20306	20.220	ug/l	90
45) 1,2-Dichloropropane	9.624	63	20880	22.816	ug/l	94
46) Dibromomethane	9.706	93	15845	22.224	ug/l	99
47) Bromodichloromethane	9.888	83	32645	22.160	ug/l	100
48) Methyl methacrylate	9.682	41	19308	18.979	ug/l #	85
49) 1,4-Dioxane	9.694	88	8009	356.787	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	138107	107.374	ug/l	96
52) Toluene	10.629	92	52413	21.405	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	31642	20.850	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	32247	20.075	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	20770	23.067	ug/l	94
56) Ethyl methacrylate	10.876	69	28633	20.439	ug/l	90
57) 1,3-Dichloropropane	11.165	76	34685	21.762	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	76129	105.907	ug/l	96
59) 2-Hexanone	11.200	43	98372	102.869	ug/l	95
60) Dibromochloromethane	11.359	129	24932	21.740	ug/l	97
61) 1,2-Dibromoethane	11.470	107	20623	21.567	ug/l	98
64) Tetrachloroethene	11.106	164	20108	20.095	ug/l	97
65) Chlorobenzene	11.894	112	58069	20.205	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	22051	21.570	ug/l	100
67) Ethyl Benzene	11.965	91	94252	19.513	ug/l	94
68) m/p-Xylenes	12.070	106	73767	40.450	ug/l	97
69) o-Xylene	12.400	106	34429	19.703	ug/l	91
70) Styrene	12.412	104	60235	20.863	ug/l	97
71) Bromoform	12.576	173	16131	20.064	ug/l #	100
73) Isopropylbenzene	12.694	105	85792	18.534	ug/l	98
74) N-amyl acetate	12.494	43	35656	18.623	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	28217	20.354	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	38578	35.127	ug/l	41
77) Bromobenzene	12.982	156	23008	19.267	ug/l	94
78) n-propylbenzene	13.035	91	102515	19.262	ug/l	97
79) 2-Chlorotoluene	13.123	91	64772	19.101	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	72318	19.328	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	10022	17.947	ug/l	89
82) 4-Chlorotoluene	13.223	91	63071	18.791	ug/l	96
83) tert-Butylbenzene	13.441	119	58561	17.654	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	72770	19.082	ug/l	97
85) sec-Butylbenzene	13.617	105	83777	18.690	ug/l	100
86) p-Isopropyltoluene	13.729	119	68161	18.226	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	41255	19.124	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	42761	19.167	ug/l	98
89) n-Butylbenzene	14.059	91	56183	17.535	ug/l	98
90) Hexachloroethane	14.335	117	14982	18.933	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	40643	19.405	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5367	16.735	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	19217	17.033	ug/l	98
94) Hexachlorobutadiene	15.500	225	8965	17.925	ug/l	98
95) Naphthalene	15.641	128	57166	14.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	18985	16.366	ug/l	99

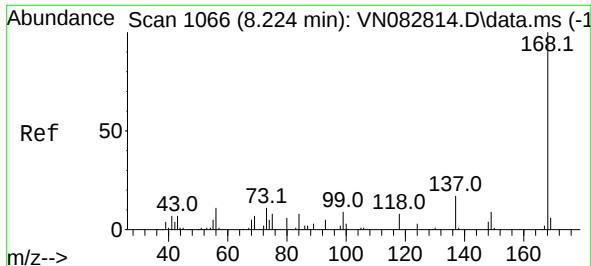
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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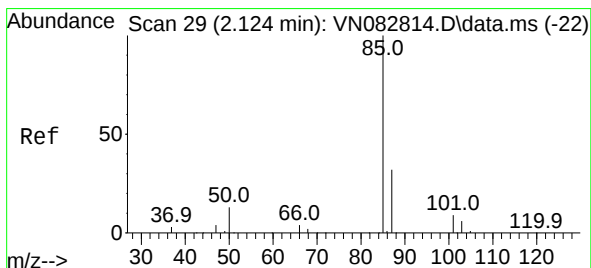
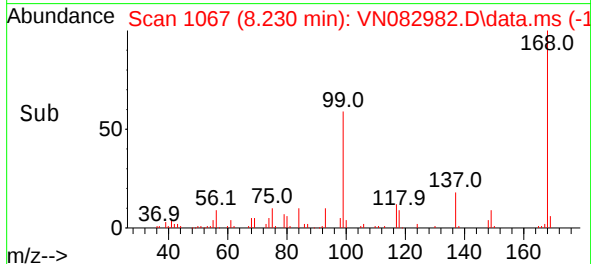
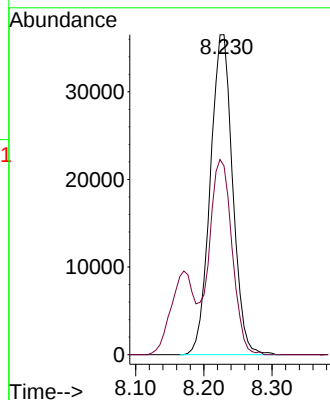
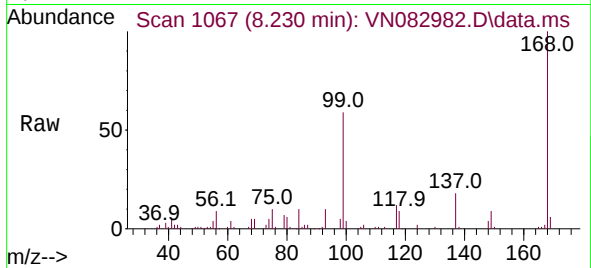
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

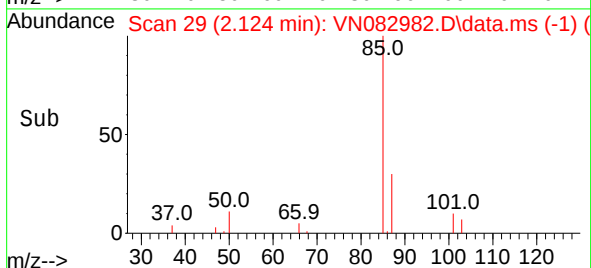
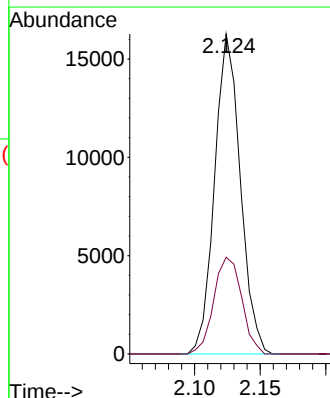
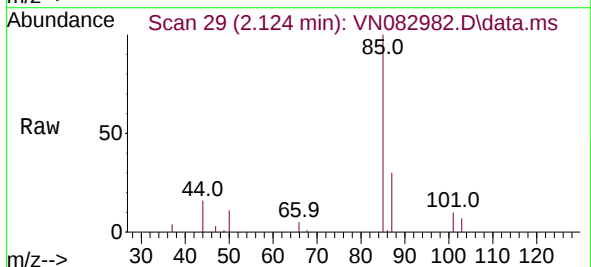
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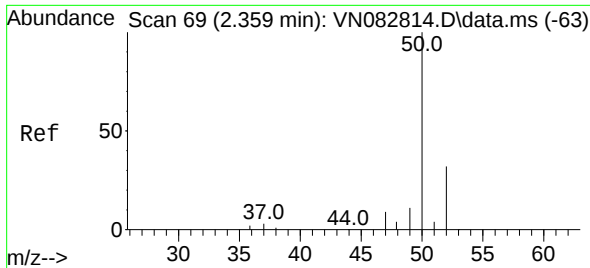
Tgt Ion:168 Resp: 83302
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 20.545 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 85 Resp: 22157
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.0

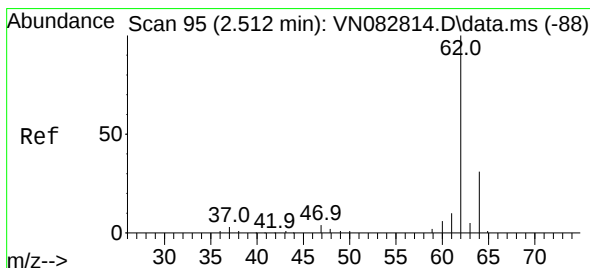
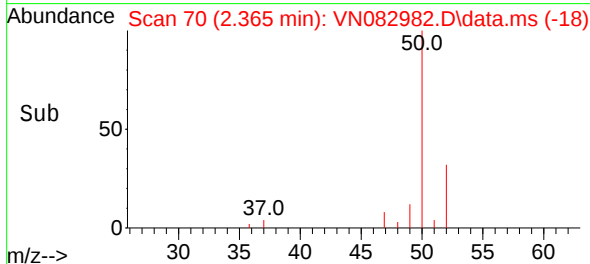
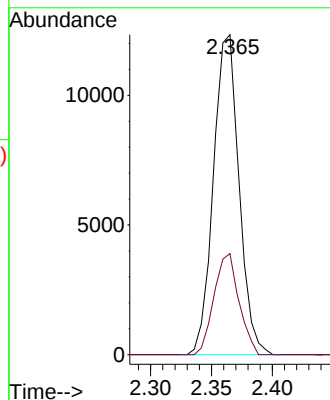
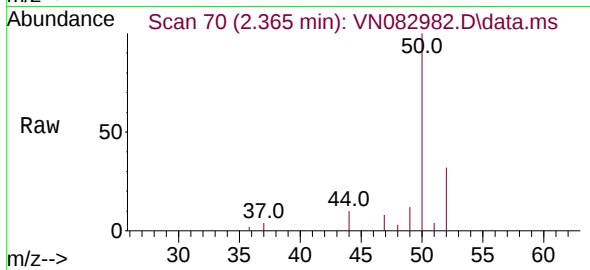




#3
Chloromethane
Concen: 17.646 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

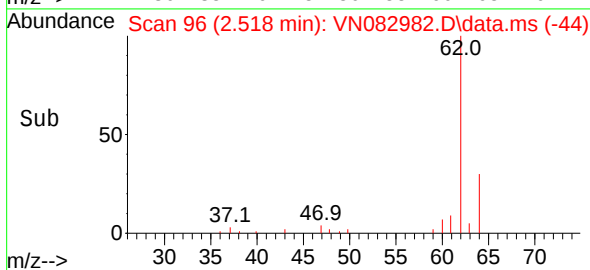
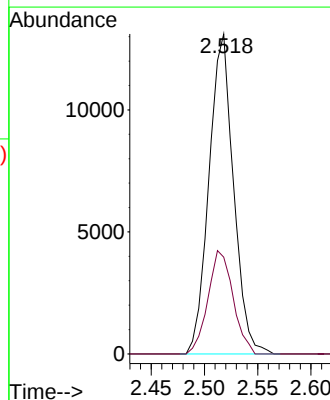
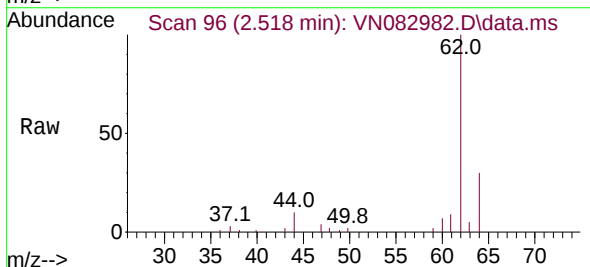
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

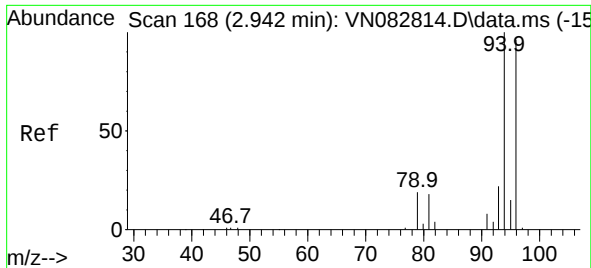
Tgt Ion: 50 Resp: 18048
Ion Ratio Lower Upper
50 100
52 31.6 25.0 37.4



#4
Vinyl Chloride
Concen: 19.503 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 62 Resp: 20949
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.6





#5

Bromomethane

Concen: 20.289 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

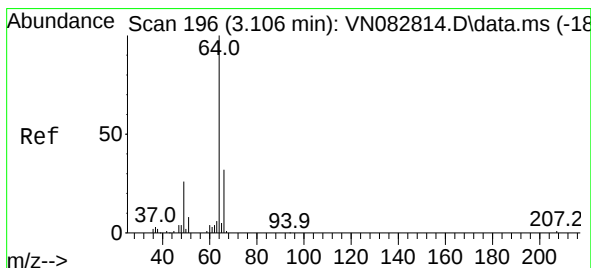
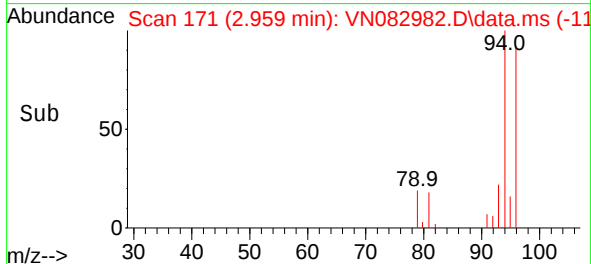
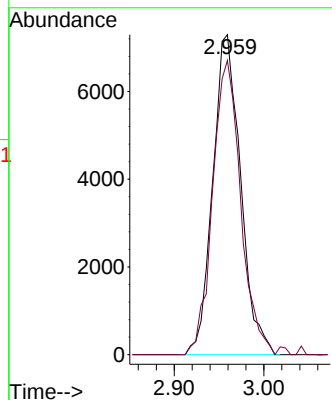
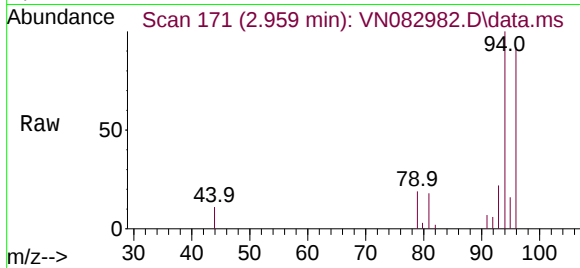
VN0719WBS01

Tgt Ion: 94 Resp: 15713

Ion Ratio Lower Upper

94 100

96 92.0 78.0 117.0



#6

Chloroethane

Concen: 22.437 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN082982.D

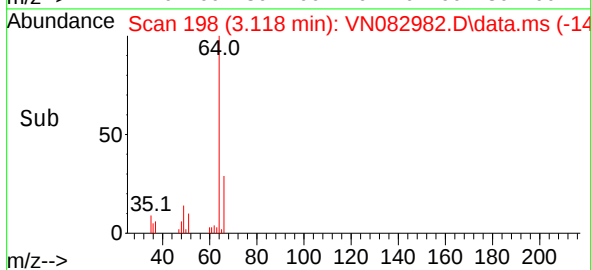
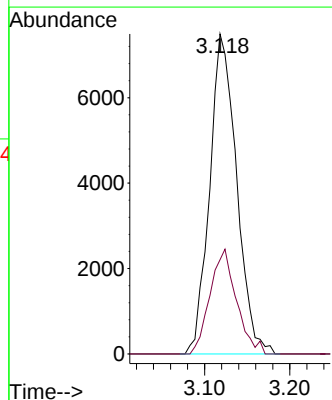
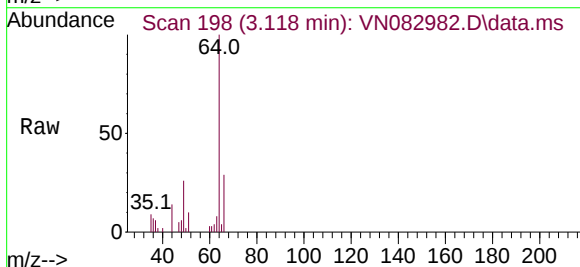
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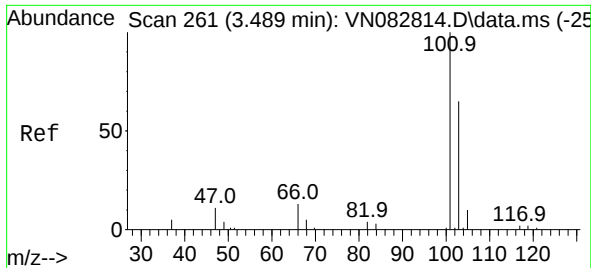
Tgt Ion: 64 Resp: 16493

Ion Ratio Lower Upper

64 100

66 29.4 26.6 40.0

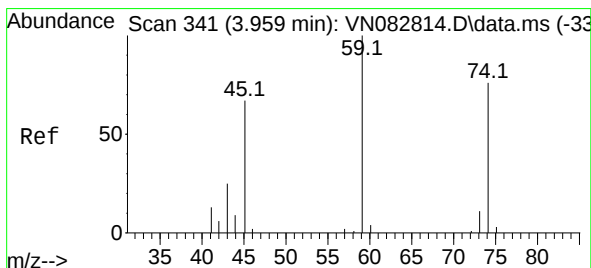
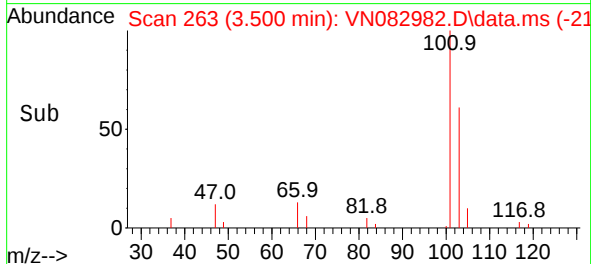
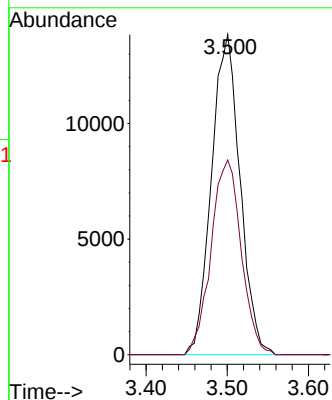
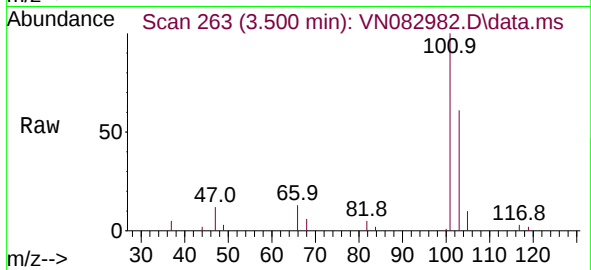




#7
Trichlorofluoromethane
Concen: 21.915 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

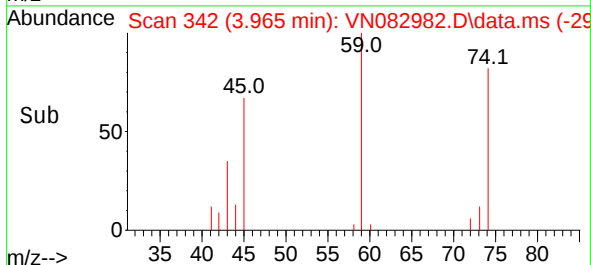
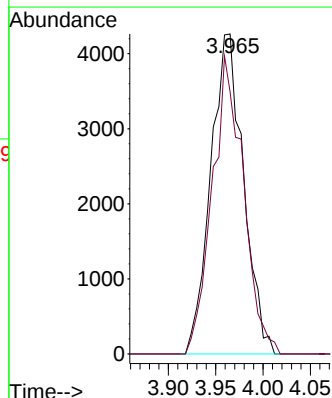
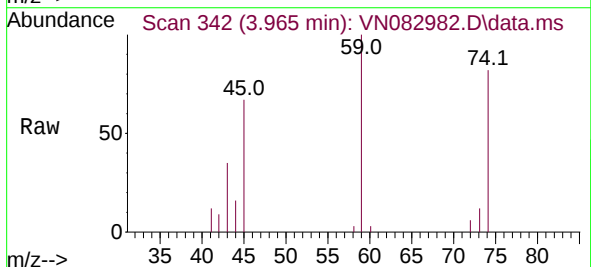
Instrument :
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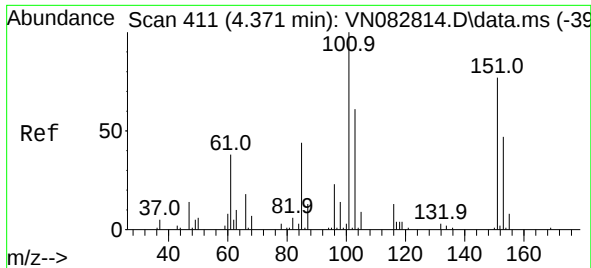
Tgt Ion:101 Resp: 33858
Ion Ratio Lower Upper
101 100
103 60.9 52.7 79.1



#8
Diethyl Ether
Concen: 19.348 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 74 Resp: 10230
Ion Ratio Lower Upper
74 100
45 88.6 55.5 166.3

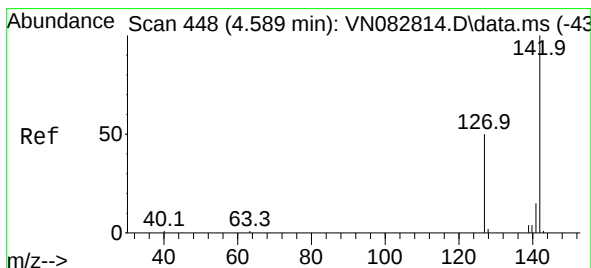
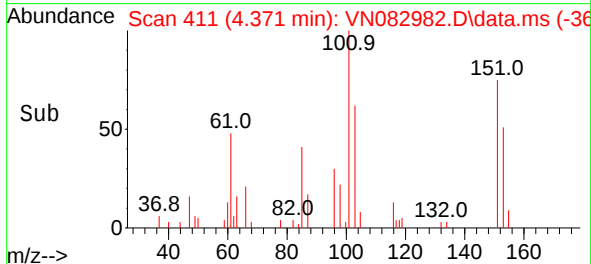
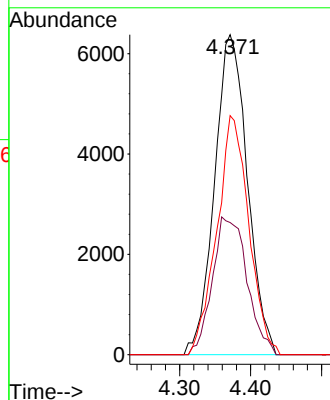
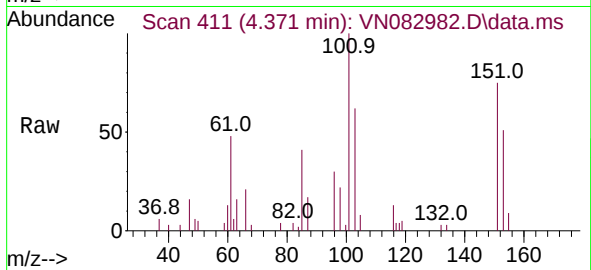




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.428 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082982.D
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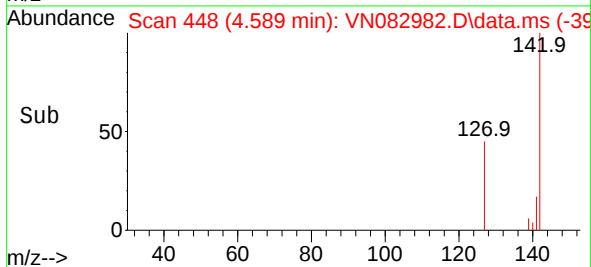
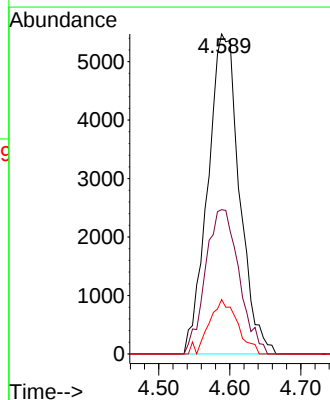
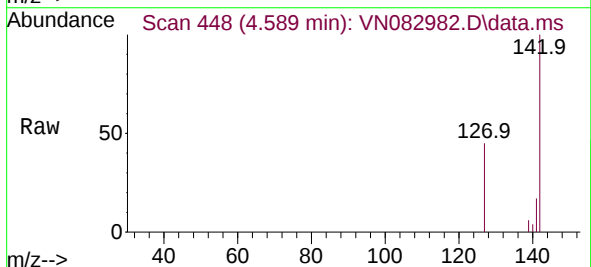
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

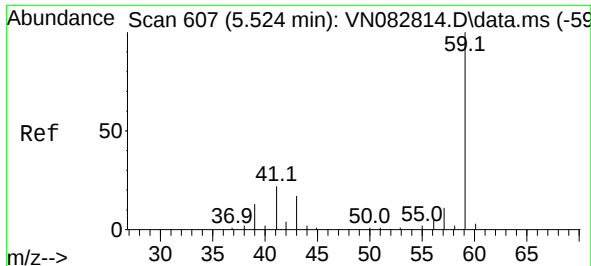
Tgt Ion:101 Resp: 20485
Ion Ratio Lower Upper
101 100
85 45.3 38.3 57.5
151 72.8 59.3 88.9



#10
Methyl Iodide
Concen: 18.883 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion:142 Resp: 16928
Ion Ratio Lower Upper
142 100
127 45.1 37.5 56.3
141 17.0 13.1 19.7





#11

Tert butyl alcohol

Concen: 84.855 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

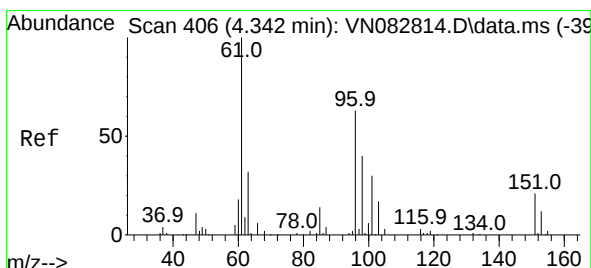
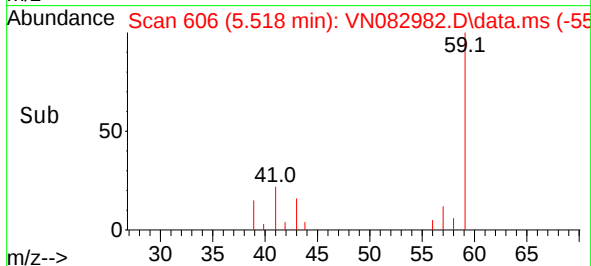
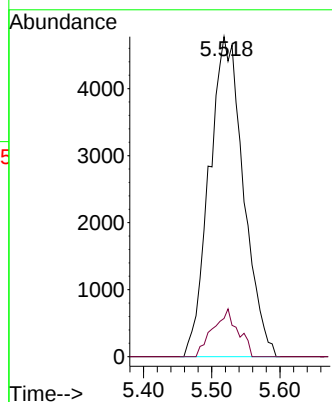
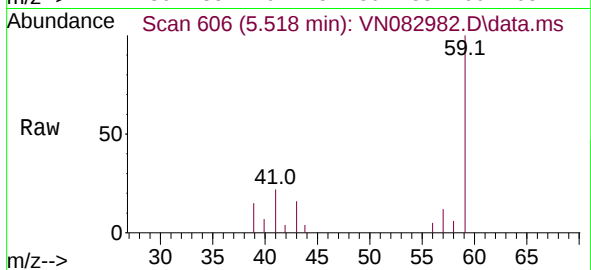
VN0719WBS01

Tgt Ion: 59 Resp: 16666

Ion Ratio Lower Upper

59 100

57 10.9 8.9 13.3



#12

1,1-Dichloroethene

Concen: 20.385 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.001 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

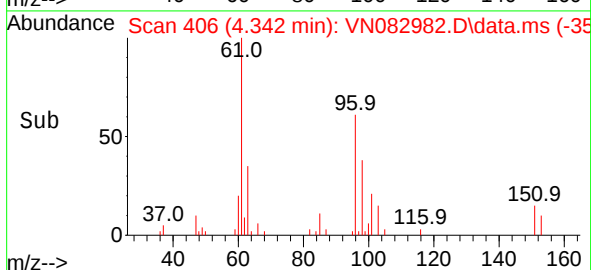
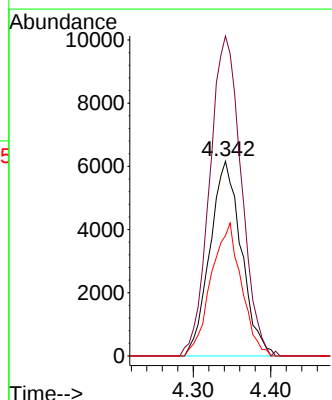
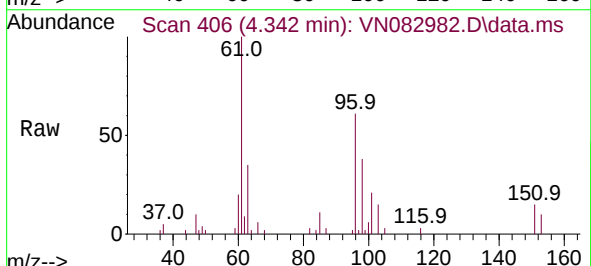
Tgt Ion: 96 Resp: 17335

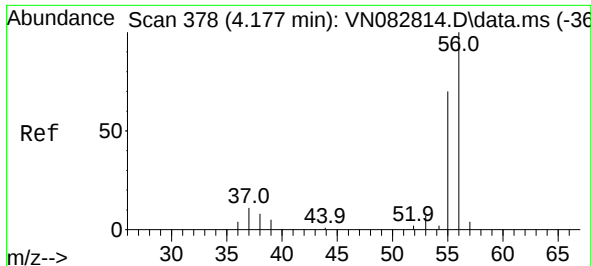
Ion Ratio Lower Upper

96 100

61 164.3 149.7 224.5

98 61.7 50.1 75.1

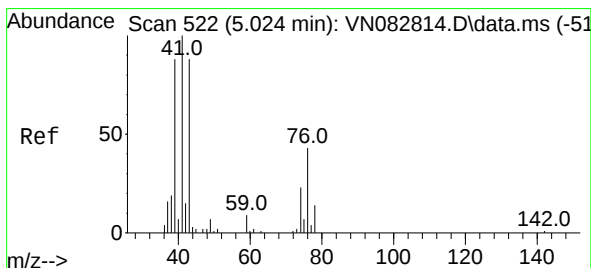
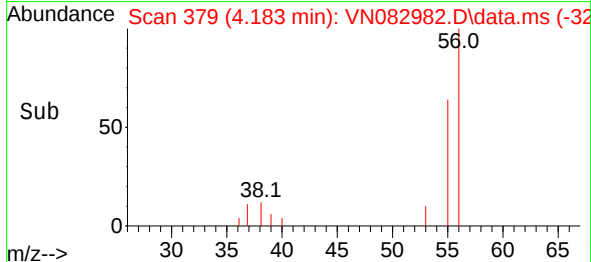
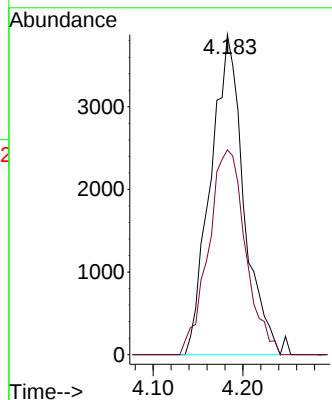
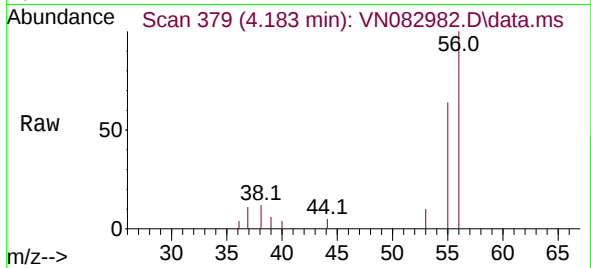




#13
Acrolein
Concen: 70.149 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

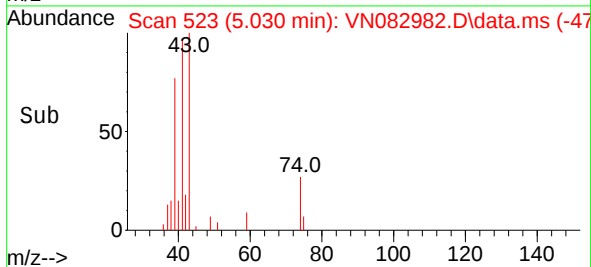
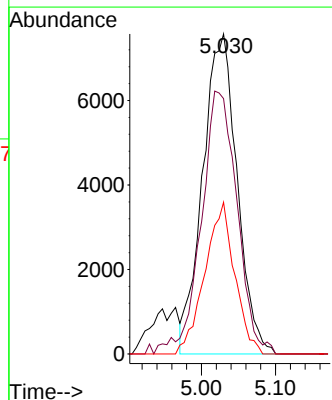
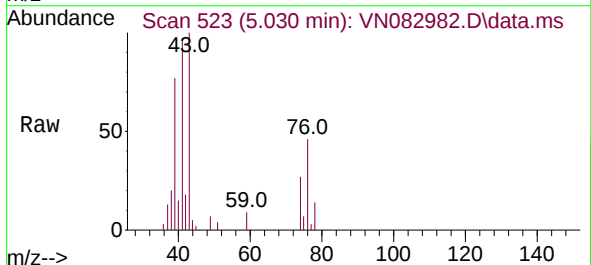
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

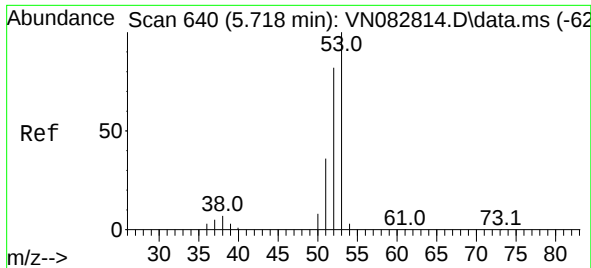
Tgt Ion: 56 Resp: 9947
Ion Ratio Lower Upper
56 100
55 71.5 56.4 84.6



#14
Allyl chloride
Concen: 18.450 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 41 Resp: 24463
Ion Ratio Lower Upper
41 100
39 85.5 67.8 101.6
76 41.0 25.8 38.8#

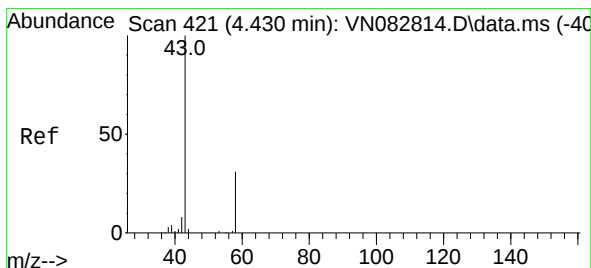
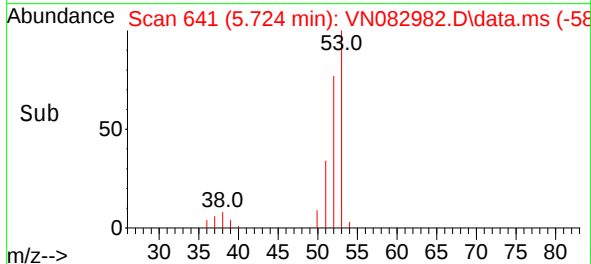
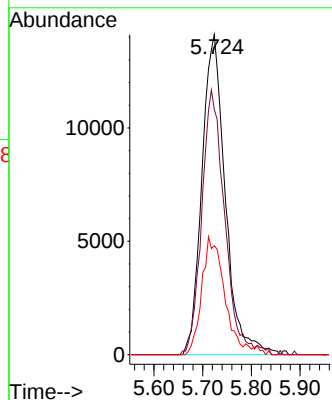
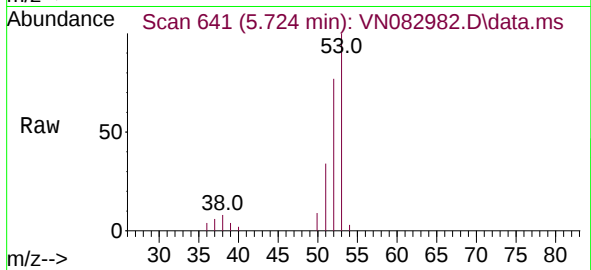




#15
Acrylonitrile
Concen: 104.159 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

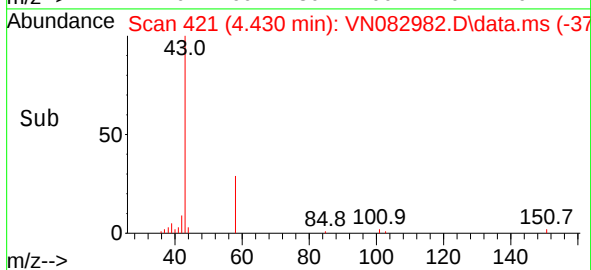
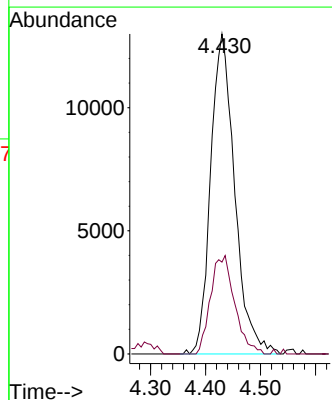
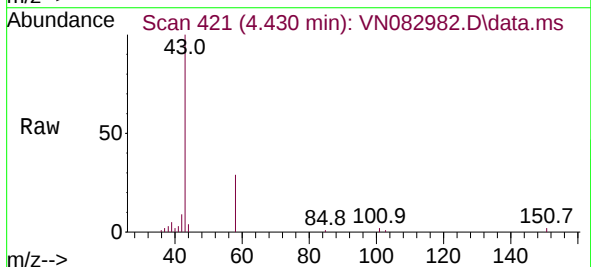
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

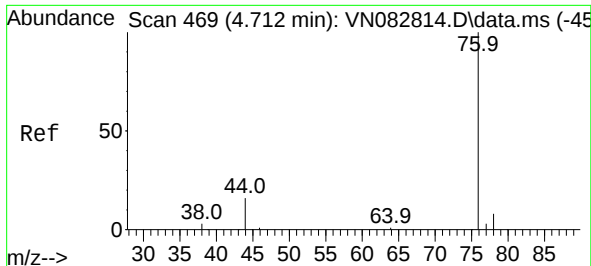
Tgt Ion: 53 Resp: 47014
Ion Ratio Lower Upper
53 100
52 81.3 66.6 100.0
51 35.8 30.1 45.1



#16
Acetone
Concen: 96.134 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 43 Resp: 39523
Ion Ratio Lower Upper
43 100
58 28.7 21.8 32.6

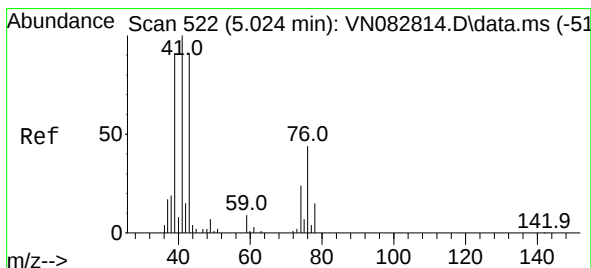
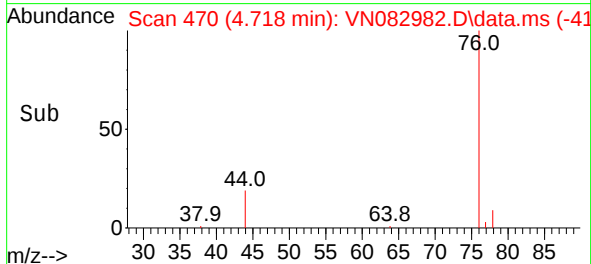
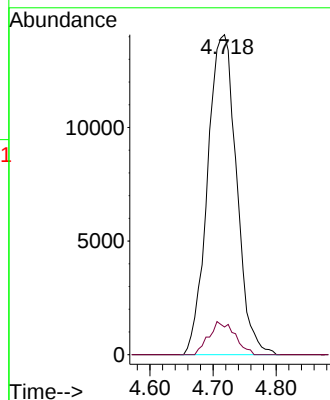
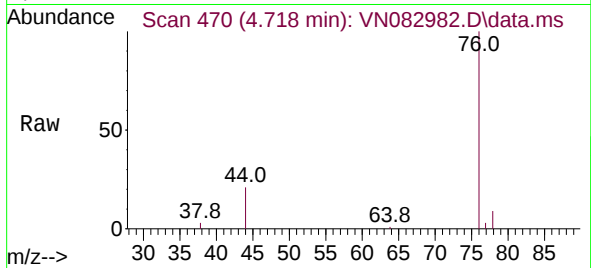




#17
Carbon Disulfide
Concen: 17.671 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

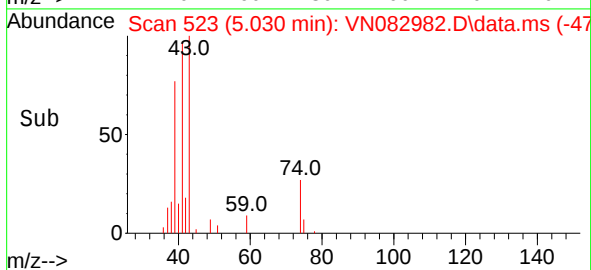
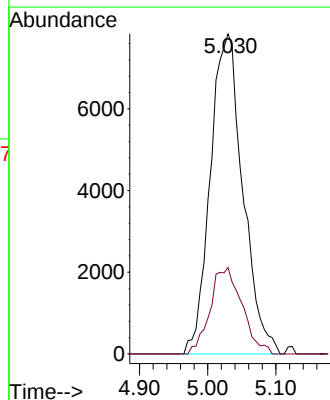
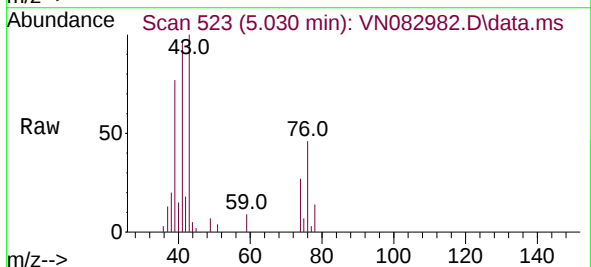
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

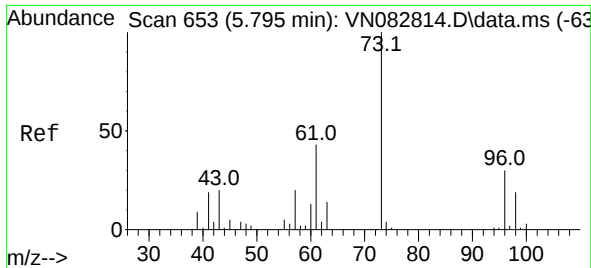
Tgt Ion: 76 Resp: 44902
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 23.927 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 43 Resp: 26030
Ion Ratio Lower Upper
43 100
74 26.4 16.3 24.5#





#19

Methyl tert-butyl Ether

Concen: 19.958 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

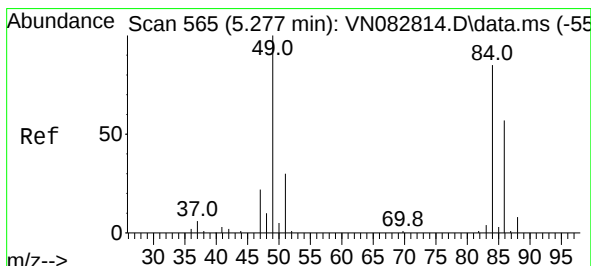
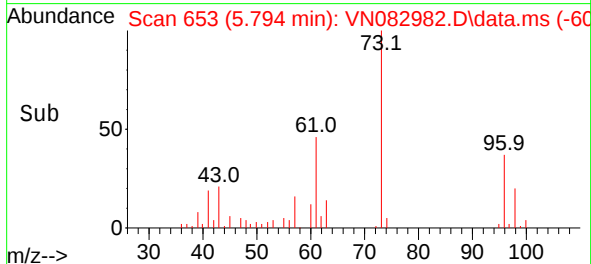
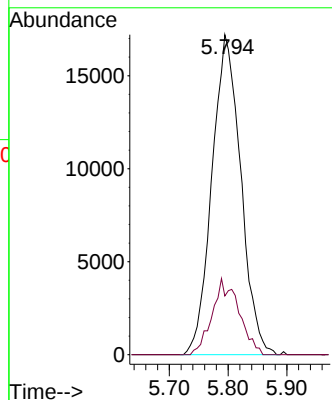
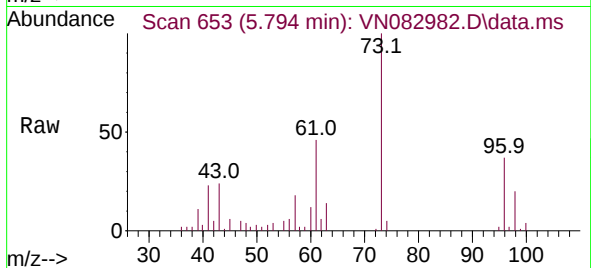
VN0719WBS01

Tgt Ion: 73 Resp: 58545

Ion Ratio Lower Upper

73 100

57 18.4 17.9 26.9



#20

Methylene Chloride

Concen: 22.170 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Tgt Ion: 84 Resp: 22012

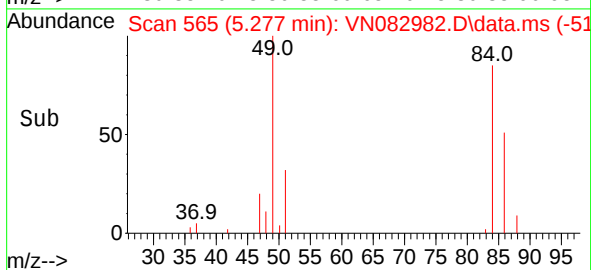
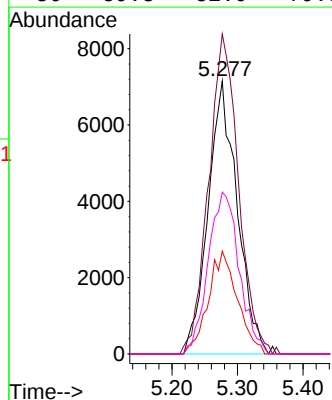
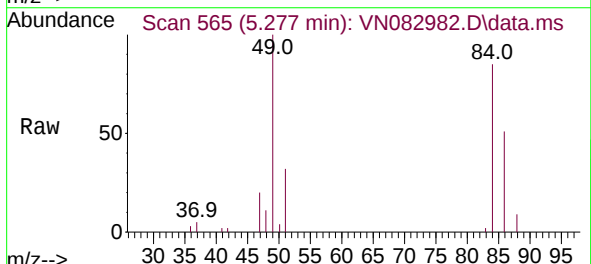
Ion Ratio Lower Upper

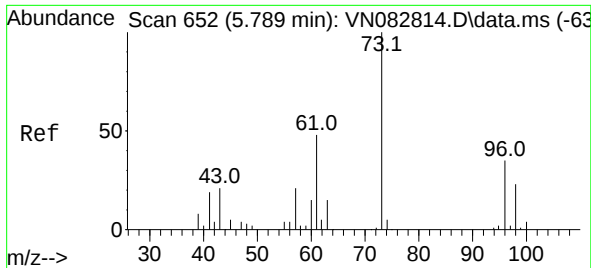
84 100

49 117.2 119.6 179.4#

51 37.7 34.8 52.2

86 59.3 52.9 79.3

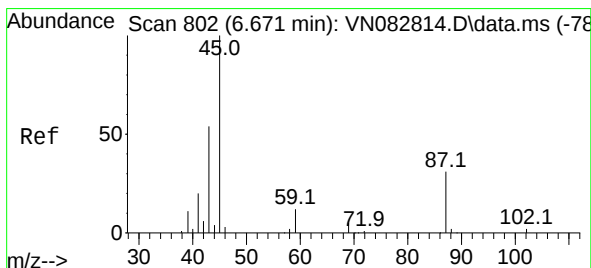
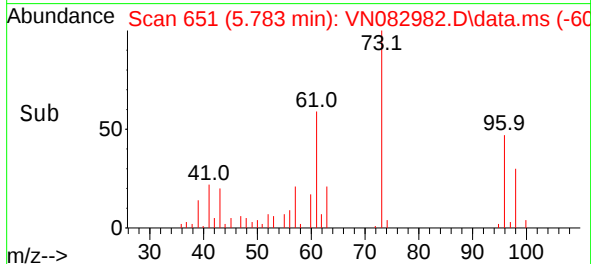
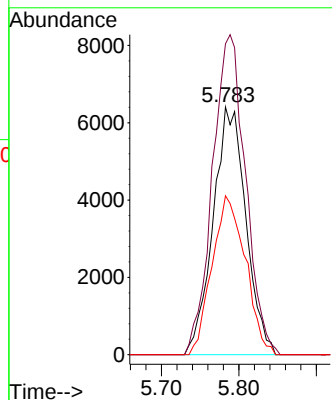
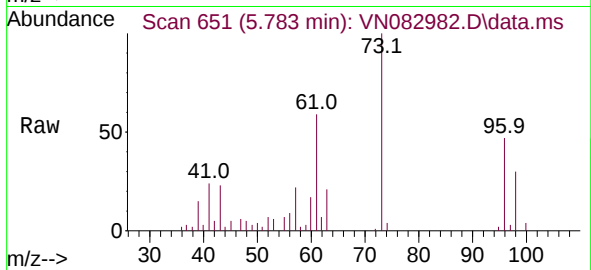




#21
trans-1,2-Dichloroethene
Concen: 20.492 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

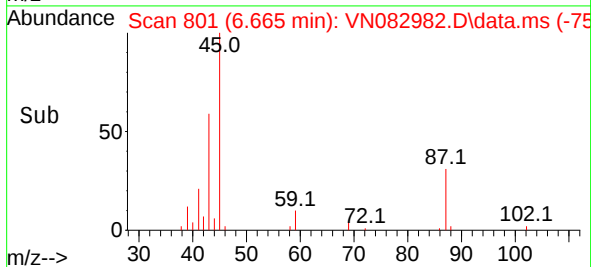
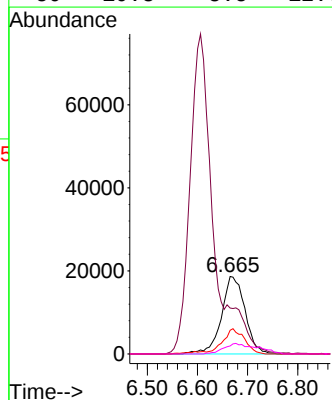
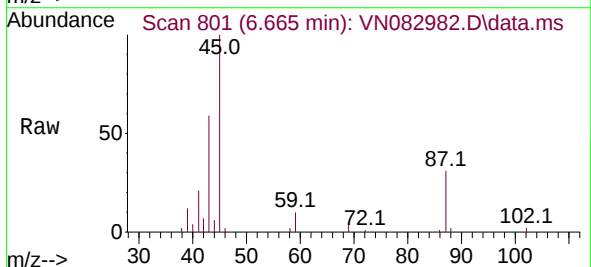
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

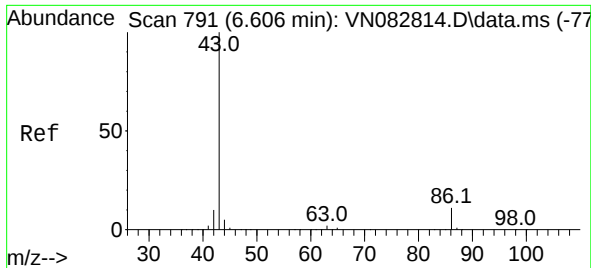
Tgt Ion: 96 Resp: 18882
Ion Ratio Lower Upper
96 100
61 125.5 123.4 185.2
98 64.1 49.3 73.9



#22
Diisopropyl ether
Concen: 21.968 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.012 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 45 Resp: 60938
Ion Ratio Lower Upper
45 100
43 58.1 44.0 66.0
87 30.5 19.7 29.5#
59 10.3 8.5 12.7

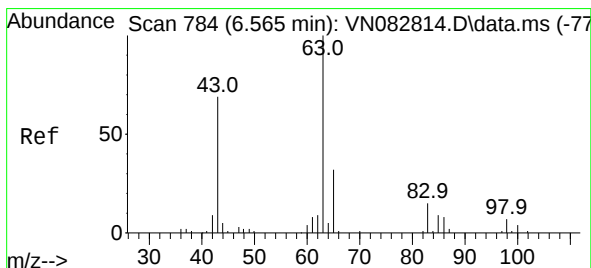
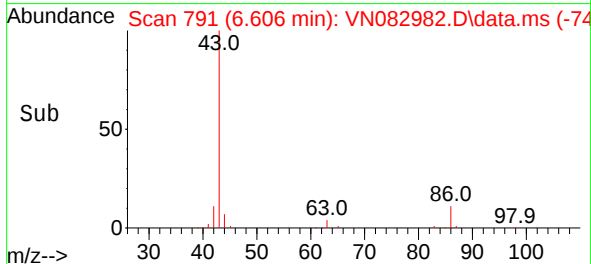
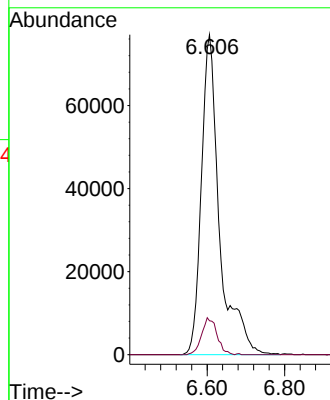
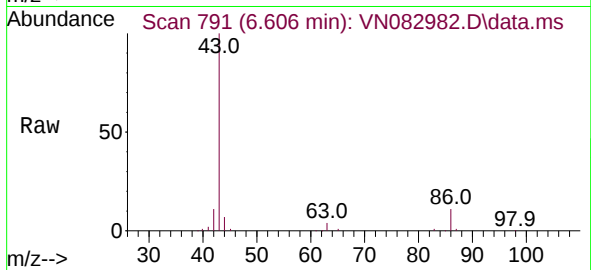




#23
 Vinyl Acetate
 Concen: 113.564 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082982.D
 Acq: 19 Jul 2024 12:23

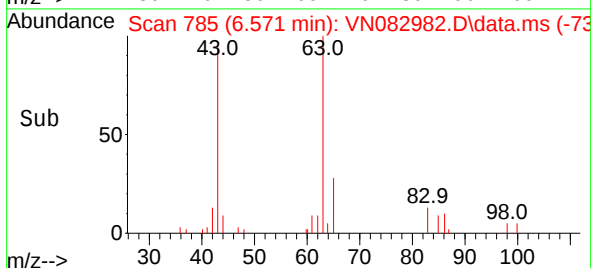
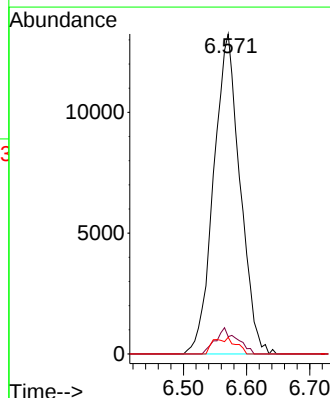
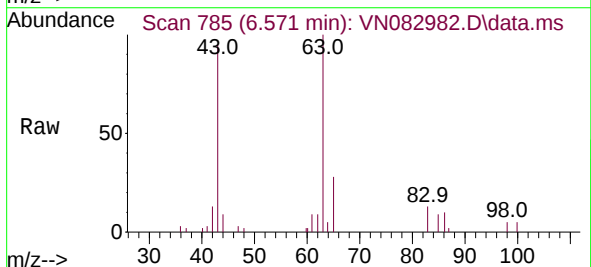
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

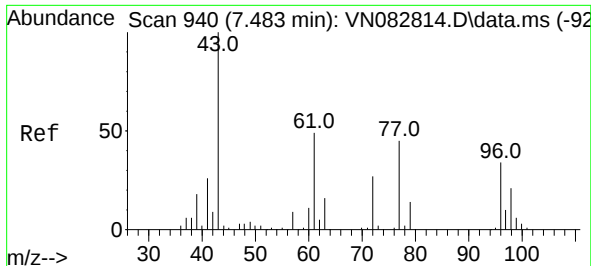
Tgt Ion: 43 Resp: 250165
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 22.871 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082982.D
 Acq: 19 Jul 2024 12:23

Tgt Ion: 63 Resp: 38482
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.3 9.9
 100 5.2 2.0 6.0





#25

2-Butanone

Concen: 97.750 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

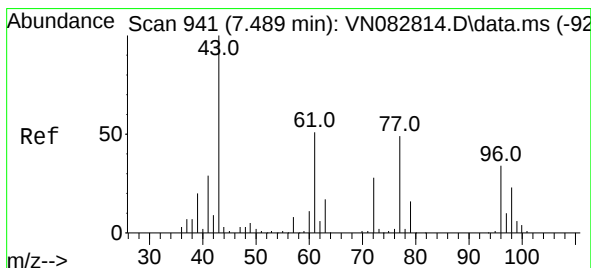
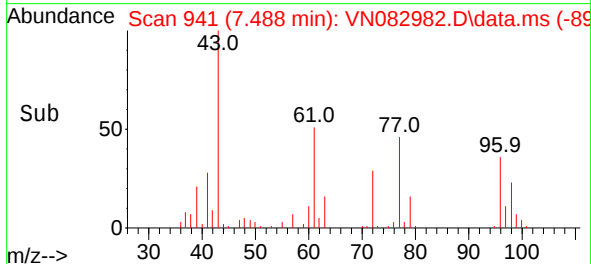
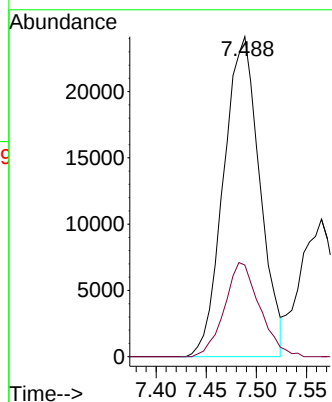
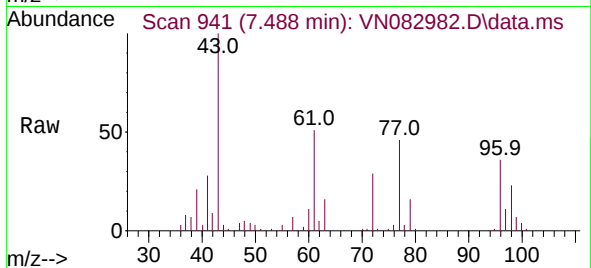
VN0719WBS01

Tgt Ion: 43 Resp: 60681

Ion Ratio Lower Upper

43 100

72 28.7 18.2 27.2#



#26

2,2-Dichloropropane

Concen: 21.441 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN082982.D

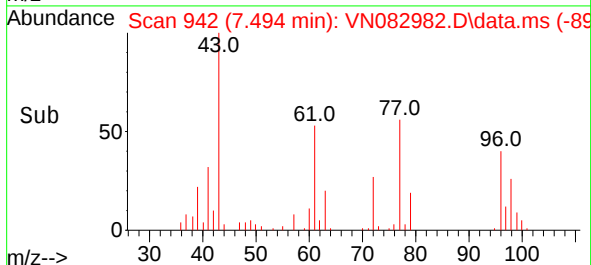
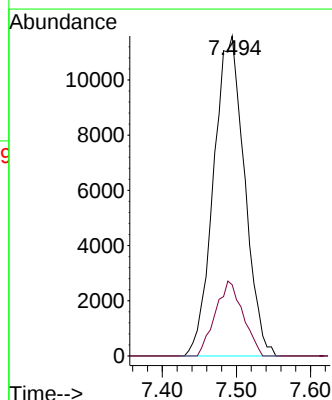
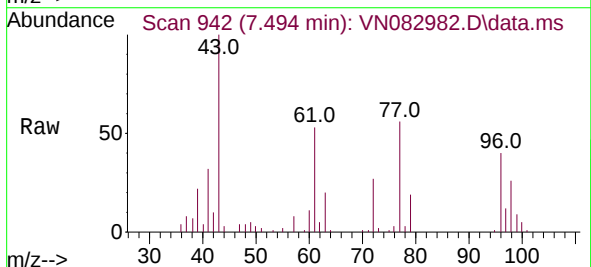
Acq: 19 Jul 2024 12:23

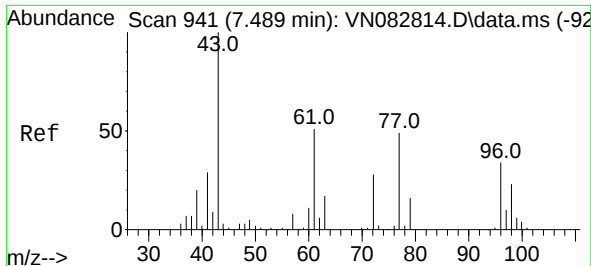
Tgt Ion: 77 Resp: 33543

Ion Ratio Lower Upper

77 100

97 20.9 10.3 30.9

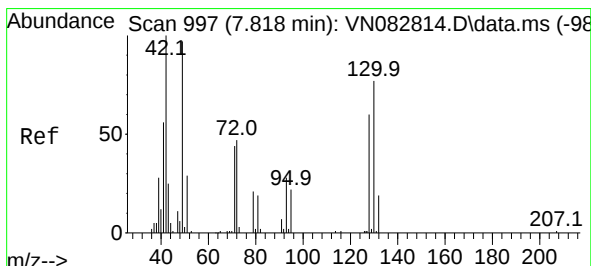
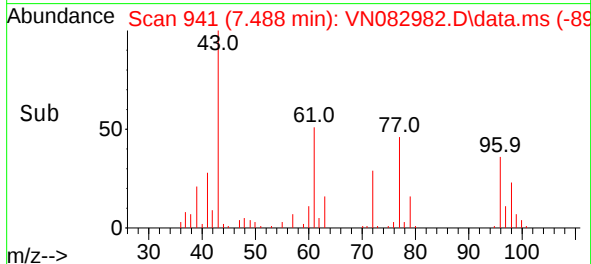
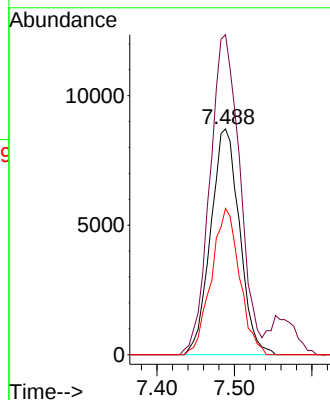
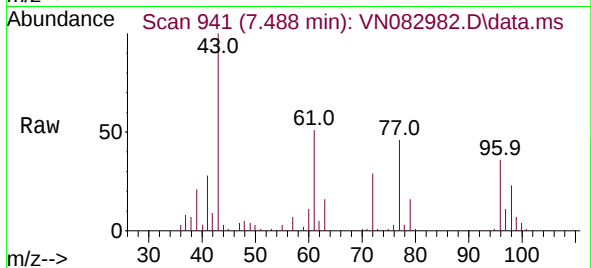




#27
 cis-1,2-Dichloroethene
 Concen: 20.909 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082982.D
 Acq: 19 Jul 2024 12:23

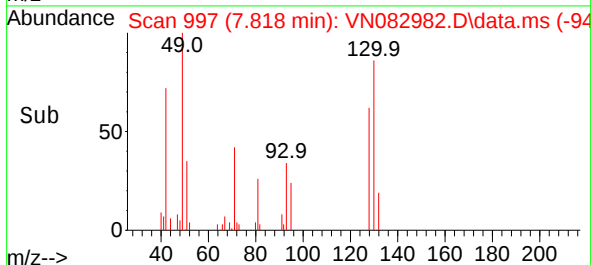
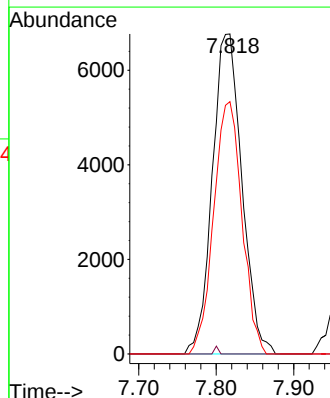
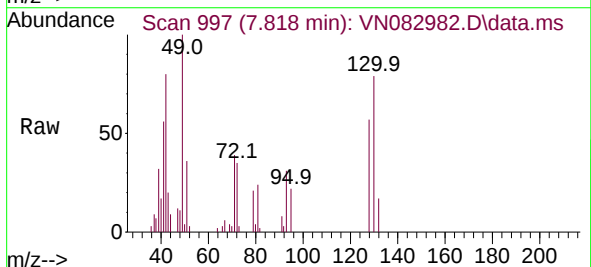
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

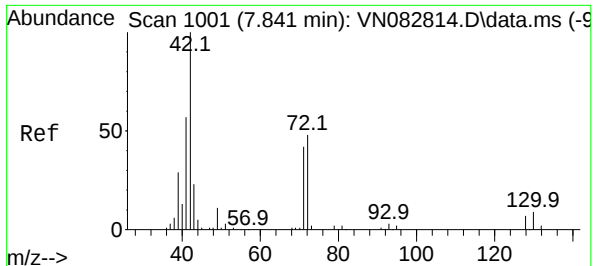
Tgt Ion: 96 Resp: 22555
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 329.6
 98 63.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 24.904 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082982.D
 Acq: 19 Jul 2024 12:23

Tgt Ion: 49 Resp: 17976
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 3.8
 130 75.3 50.5 75.7





#29

Tetrahydrofuran

Concen: 101.143 ug/l

RT: 7.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

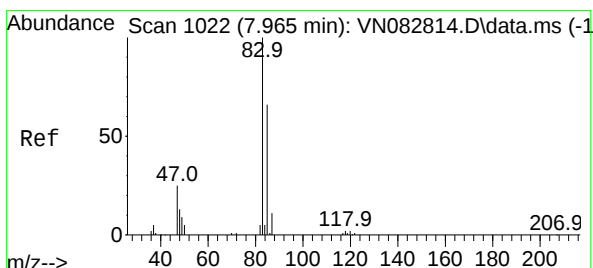
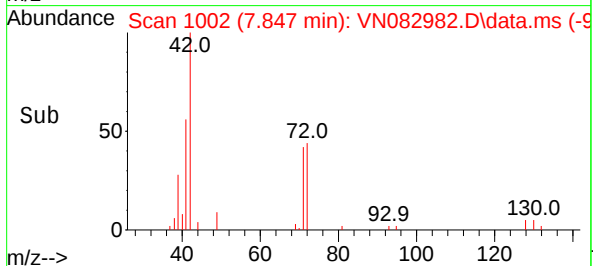
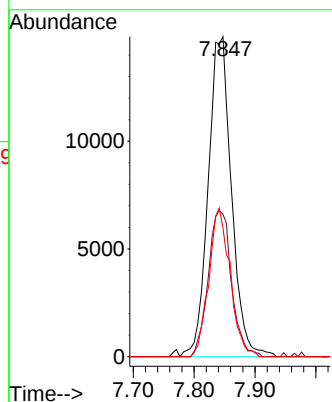
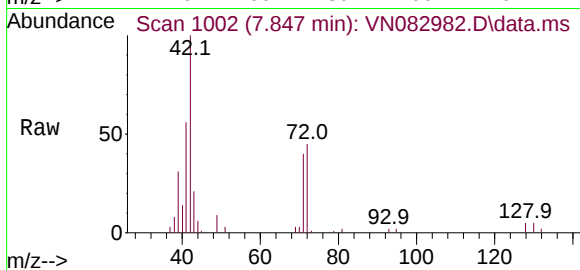
Tgt Ion: 42 Resp: 39528

Ion Ratio Lower Upper

42 100

72 45.4 30.0 45.0#

71 42.5 28.3 42.5#



#30

Chloroform

Concen: 23.516 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082982.D

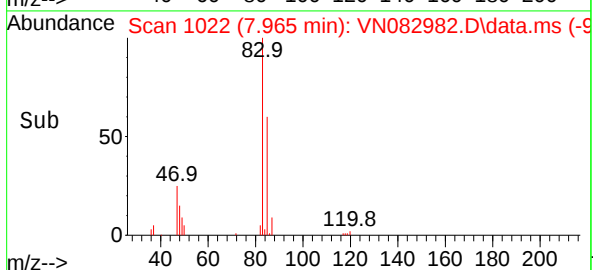
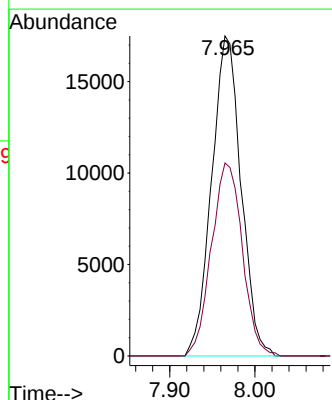
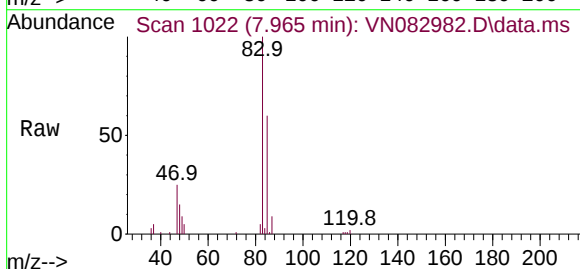
Acq: 19 Jul 2024 12:23

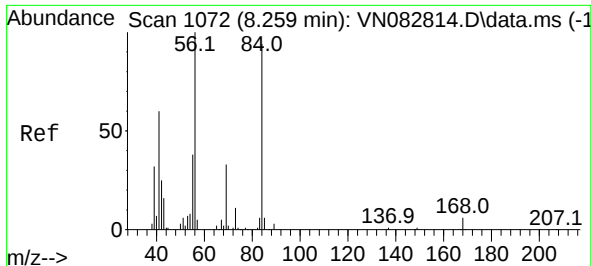
Tgt Ion: 83 Resp: 41976

Ion Ratio Lower Upper

83 100

85 60.3 50.9 76.3





#31

Cyclohexane

Concen: 18.584 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

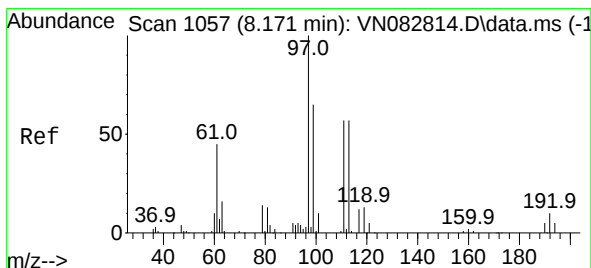
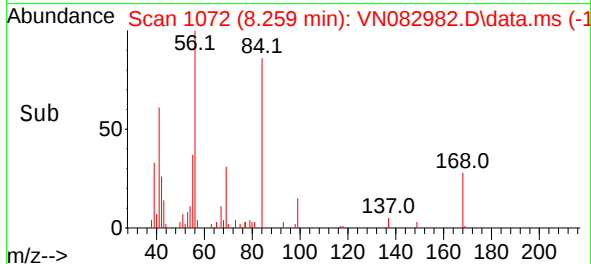
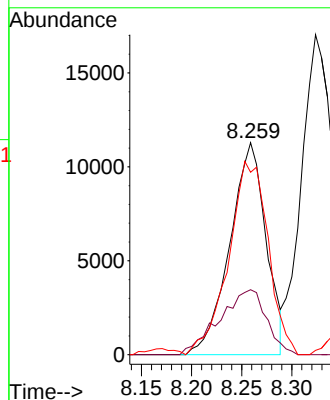
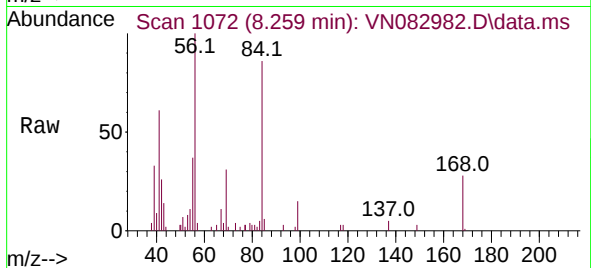
Tgt Ion: 56 Resp: 28372

Ion Ratio Lower Upper

56 100

69 30.6 24.5 36.7

84 84.5 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 22.751 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

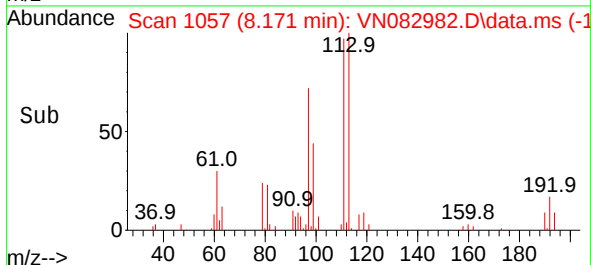
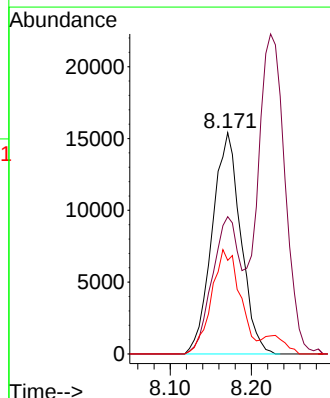
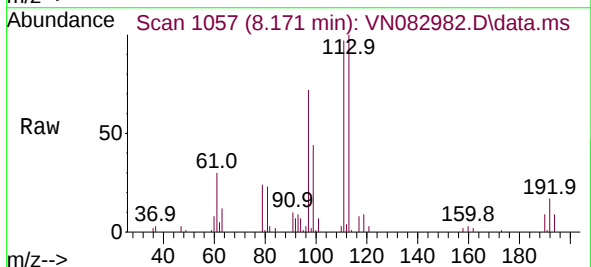
Tgt Ion: 97 Resp: 37706

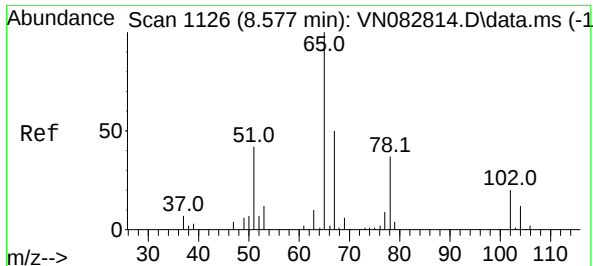
Ion Ratio Lower Upper

97 100

99 58.1 52.0 78.0

61 47.4 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 57.195 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

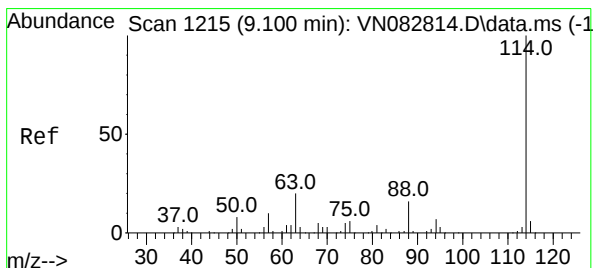
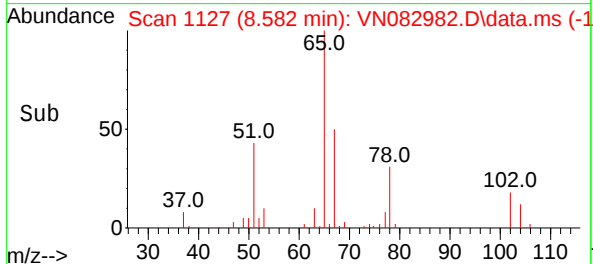
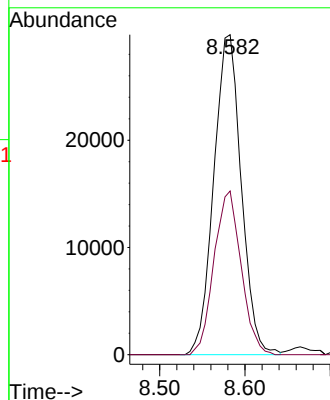
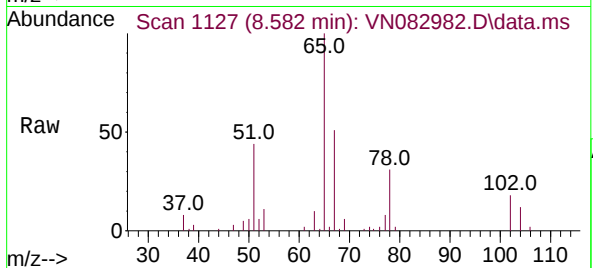
VN0719WBS01

Tgt Ion: 65 Resp: 66788

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

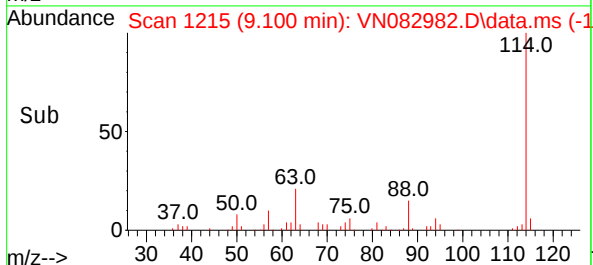
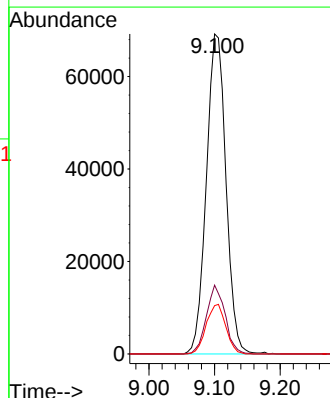
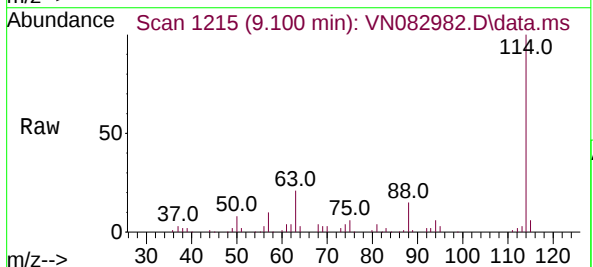
Tgt Ion: 114 Resp: 144043

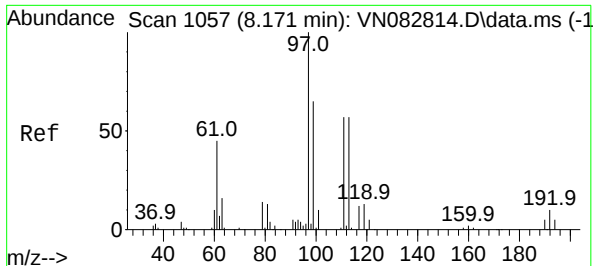
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.988 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

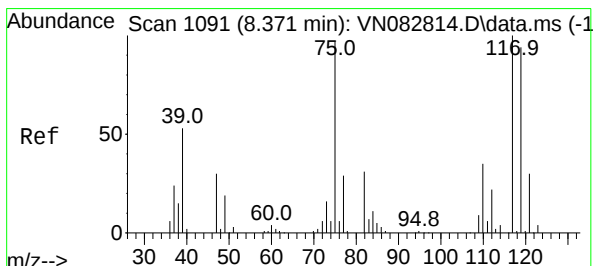
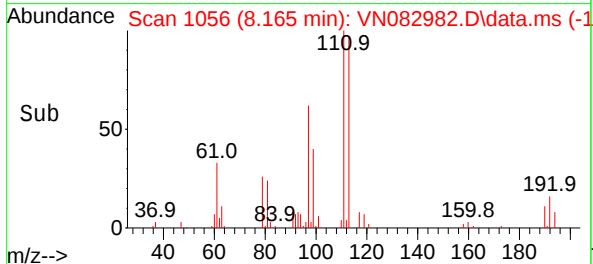
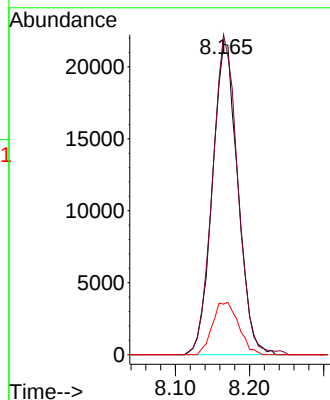
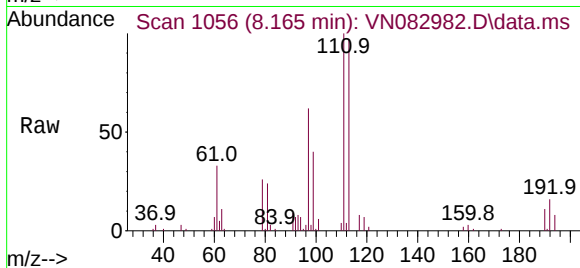
Tgt Ion:113 Resp: 51749

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 17.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 20.442 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

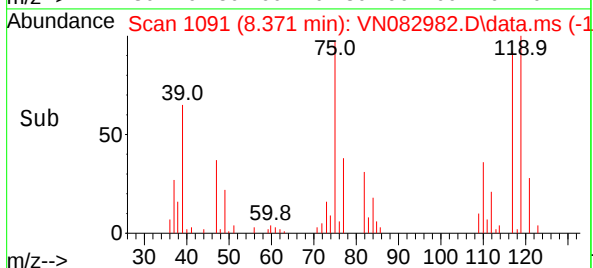
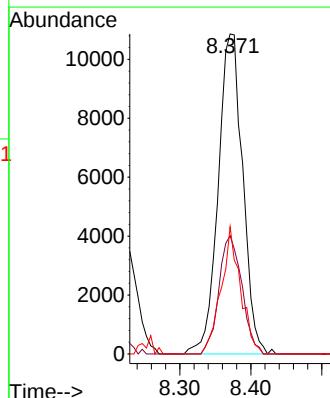
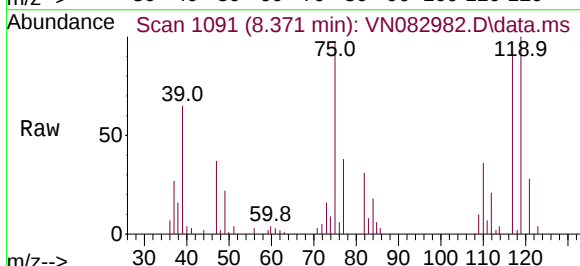
Tgt Ion: 75 Resp: 26050

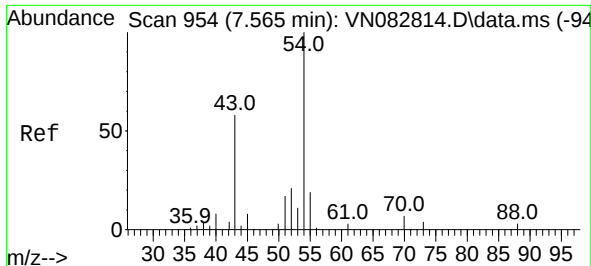
Ion Ratio Lower Upper

75 100

110 34.5 16.3 48.9

77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 20.184 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

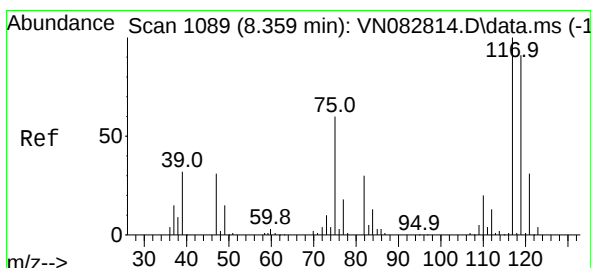
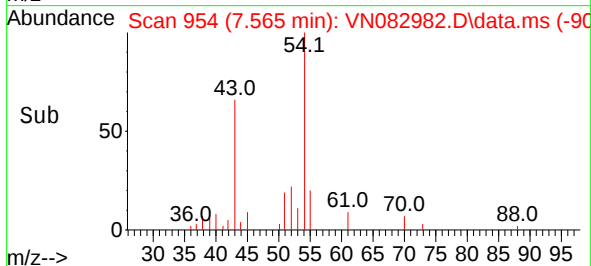
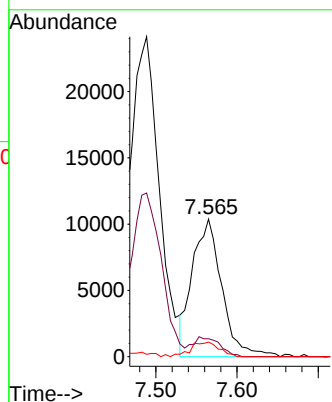
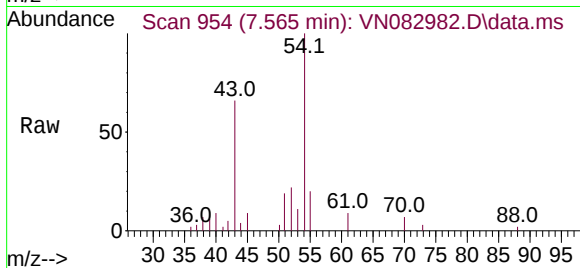
Tgt Ion: 43 Resp: 26187

Ion Ratio Lower Upper

43 100

61 13.2 9.3 13.9

70 10.2 7.0 10.6



#38

Carbon Tetrachloride

Concen: 20.388 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

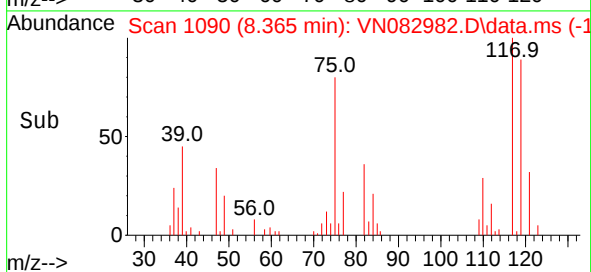
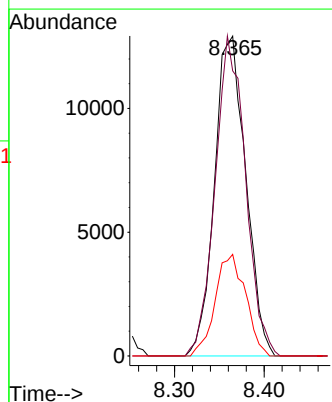
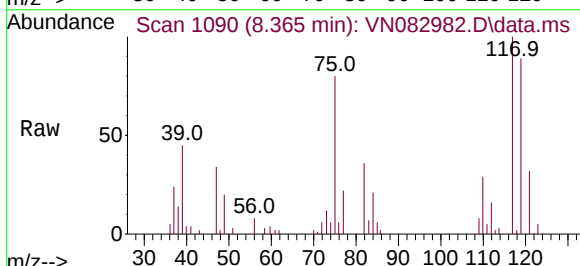
Tgt Ion: 117 Resp: 31282

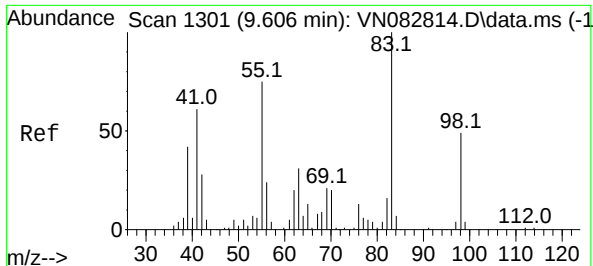
Ion Ratio Lower Upper

117 100

119 89.2 74.9 112.3

121 31.8 24.3 36.5





#39

Methylcyclohexane

Concen: 17.649 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

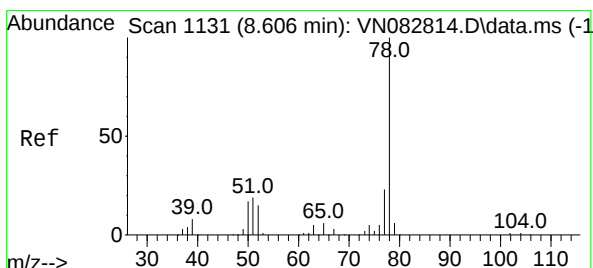
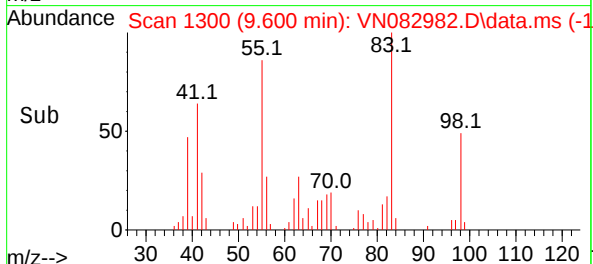
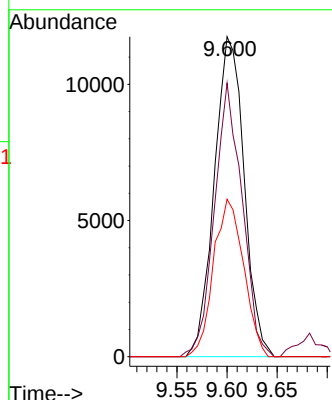
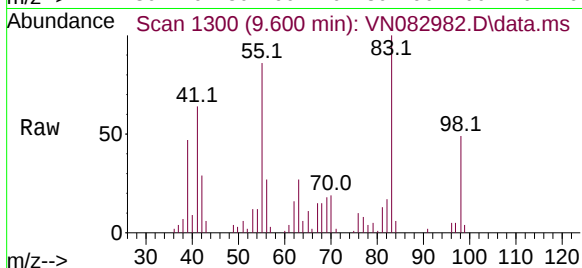
Tgt Ion: 83 Resp: 24294

Ion Ratio Lower Upper

83 100

55 85.5 66.4 99.6

98 49.2 40.7 61.1



#40

Benzene

Concen: 21.466 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082982.D

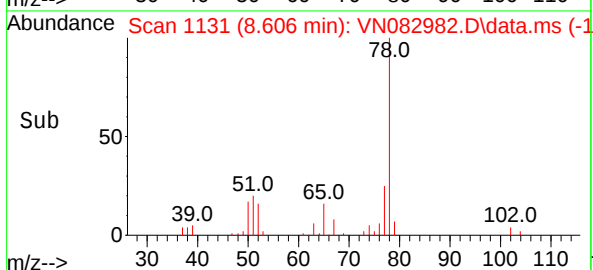
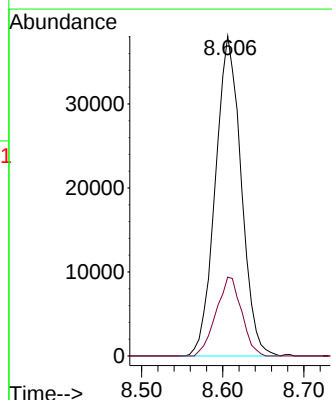
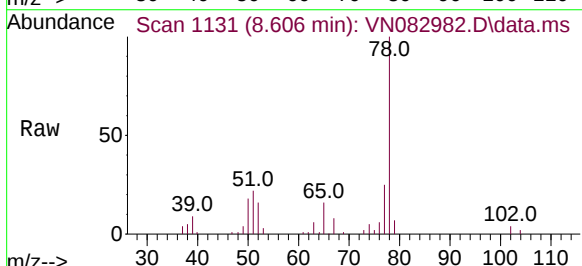
Acq: 19 Jul 2024 12:23

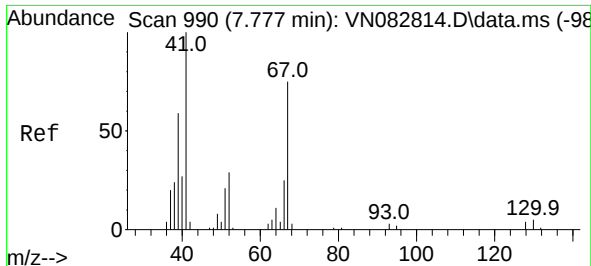
Tgt Ion: 78 Resp: 84146

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.4

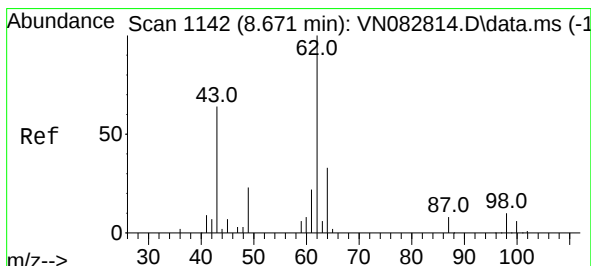
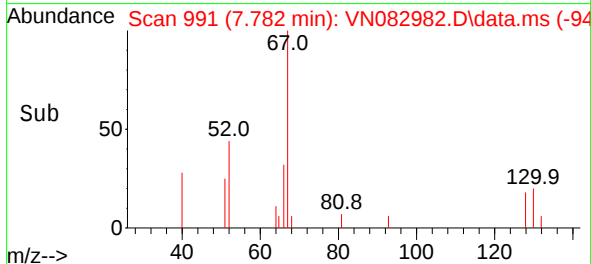
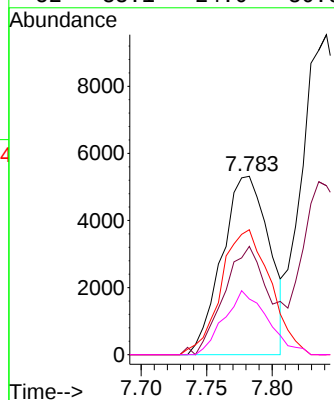
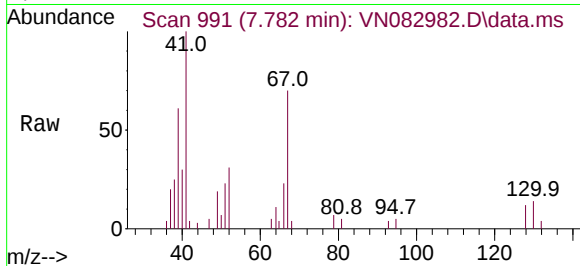




#41
Methacrylonitrile
Concen: 19.093 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

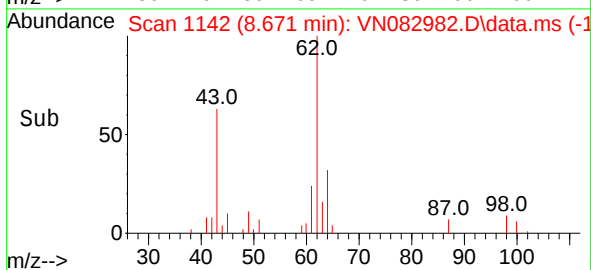
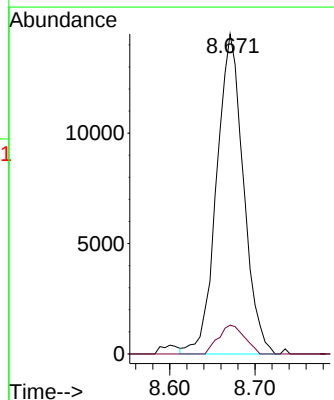
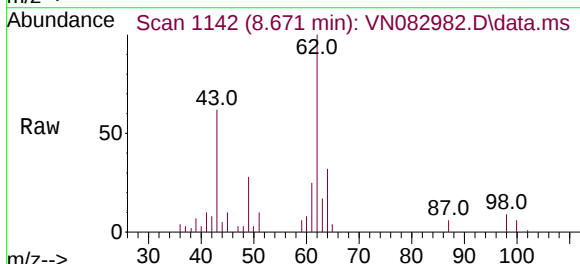
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

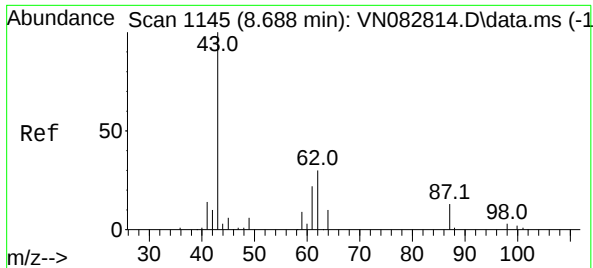
Tgt Ion: 41	Resp: 13345
Ion Ratio	Lower Upper
41 100	
39 60.9	45.5 68.3
67 72.7	50.5 75.7
52 33.1	24.0 36.0



#42
1,2-Dichloroethane
Concen: 22.461 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 62	Resp: 31697
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 15.8

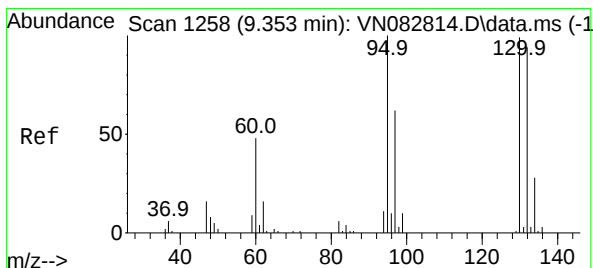
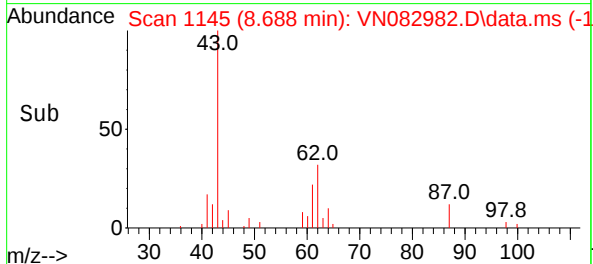
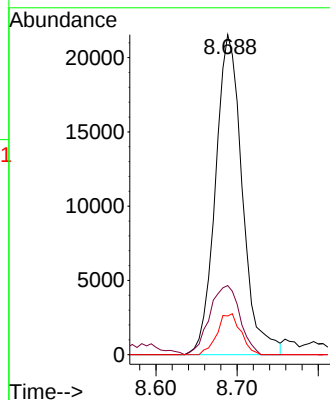
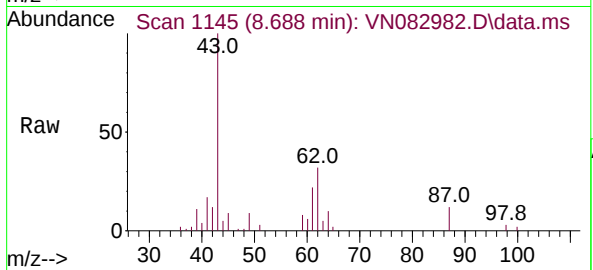




#43
Isopropyl Acetate
Concen: 18.402 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

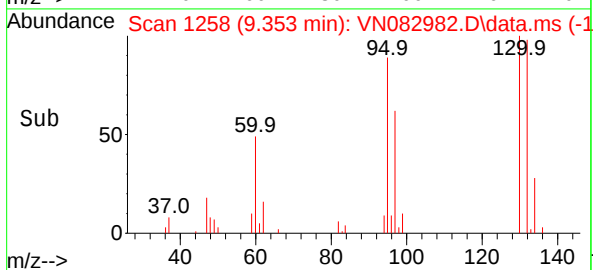
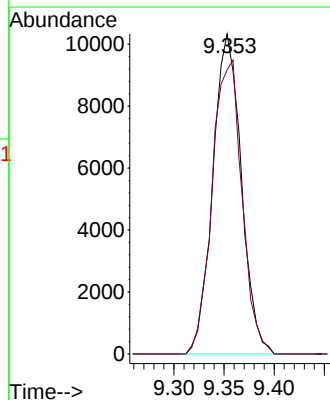
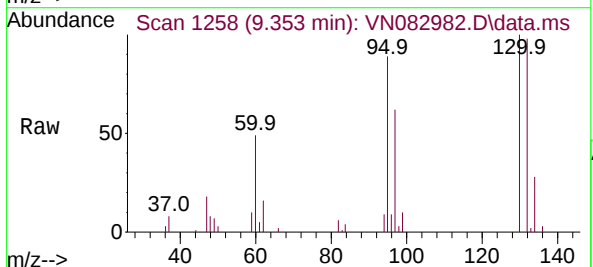
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

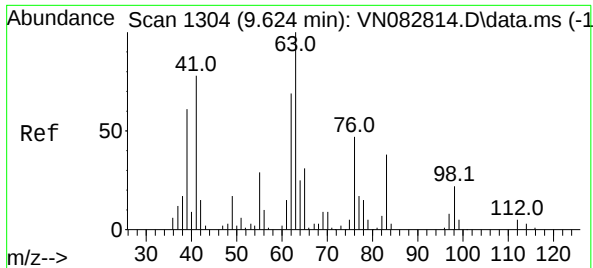
Tgt Ion: 43 Resp: 49606
Ion Ratio Lower Upper
43 100
61 24.2 17.8 26.6
87 11.2 8.2 12.2



#44
Trichloroethene
Concen: 20.220 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion:130 Resp: 20306
Ion Ratio Lower Upper
130 100
95 88.7 0.0 197.8

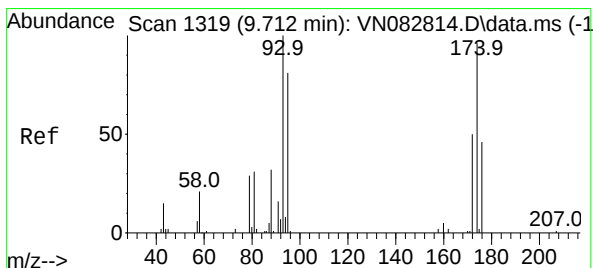
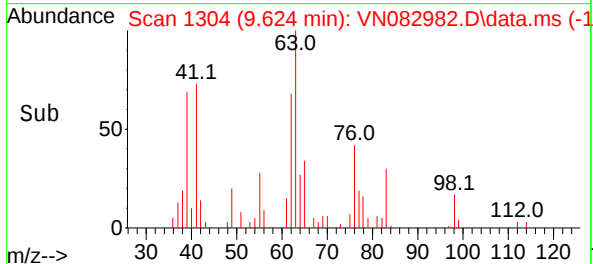
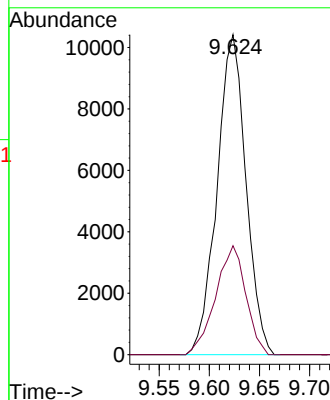
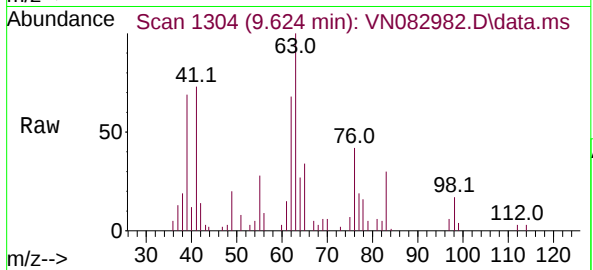




#45
1,2-Dichloropropane
Concen: 22.816 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

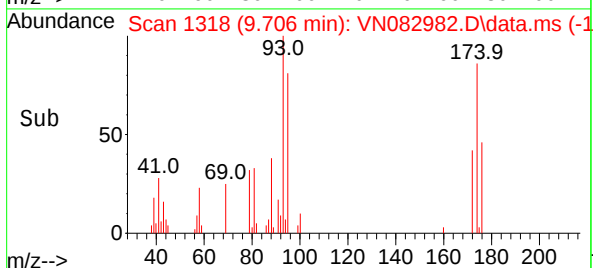
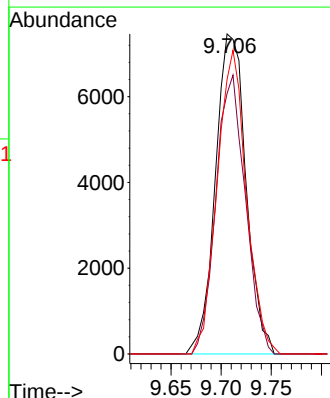
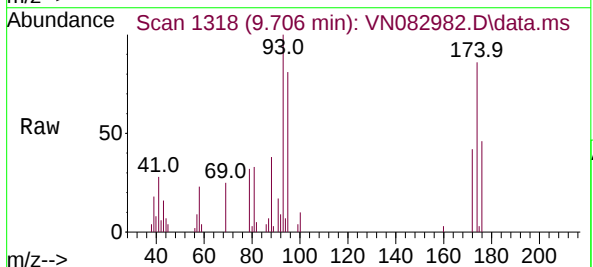
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

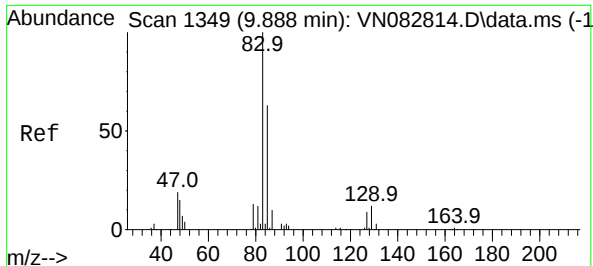
Tgt Ion: 63 Resp: 20880
Ion Ratio Lower Upper
63 100
65 34.0 24.4 36.6



#46
Dibromomethane
Concen: 22.224 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 93 Resp: 15845
Ion Ratio Lower Upper
93 100
95 83.6 65.8 98.6
174 90.5 71.7 107.5





#47

Bromodichloromethane

Concen: 22.160 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

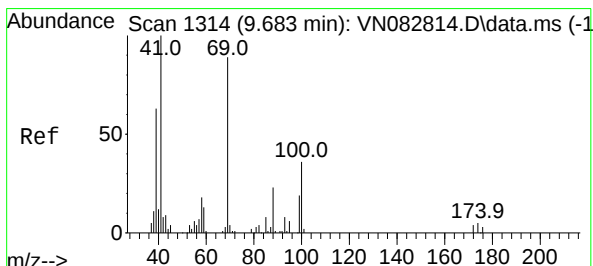
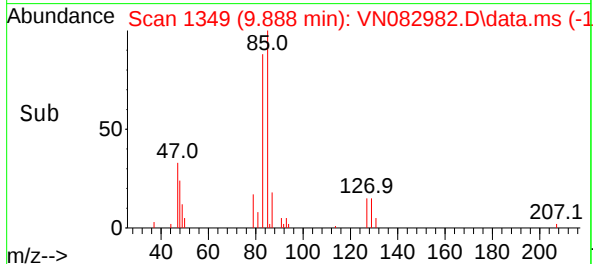
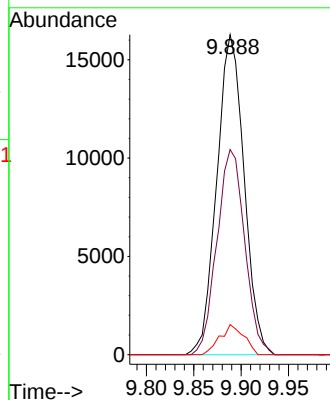
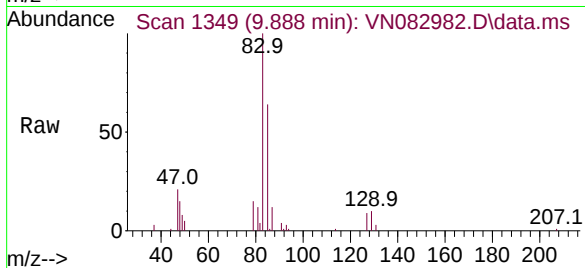
Tgt Ion: 83 Resp: 32645

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

127 9.4 7.2 10.8



#48

Methyl methacrylate

Concen: 18.979 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

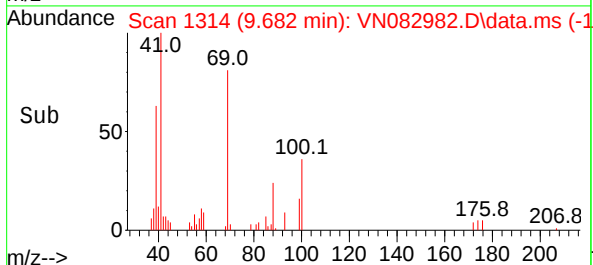
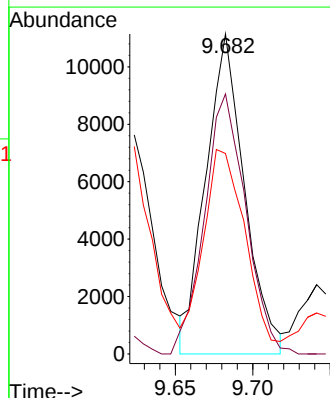
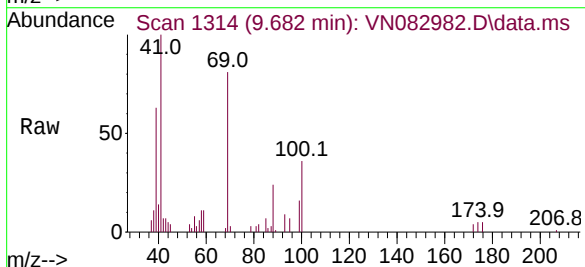
Tgt Ion: 41 Resp: 19308

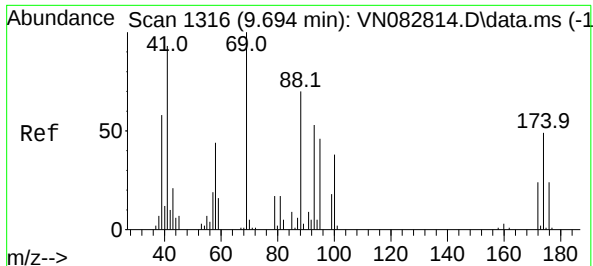
Ion Ratio Lower Upper

41 100

69 87.0 56.3 84.5#

39 70.6 50.3 75.5

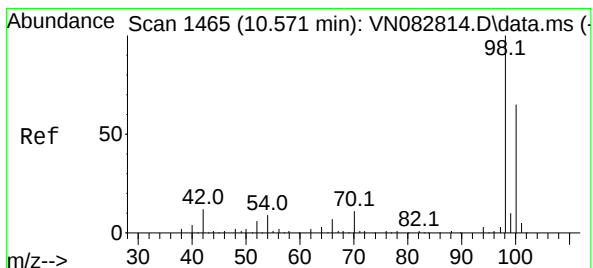
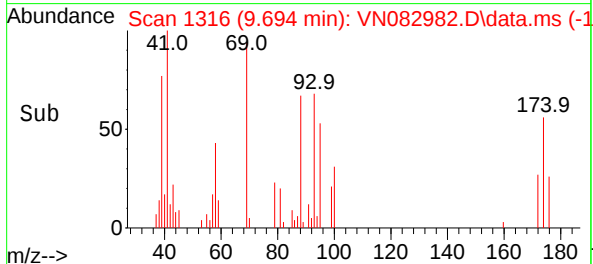
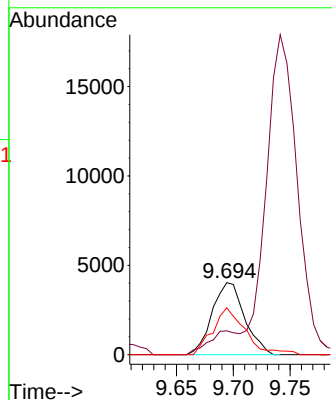
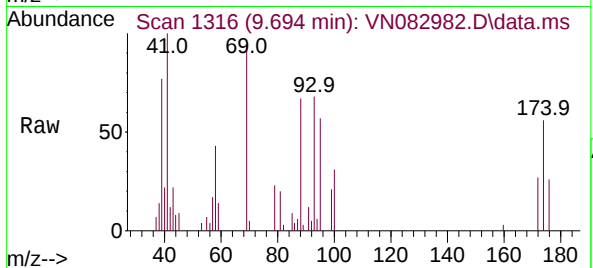




#49
1,4-Dioxane
Concen: 356.787 ug/l
RT: 9.694 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

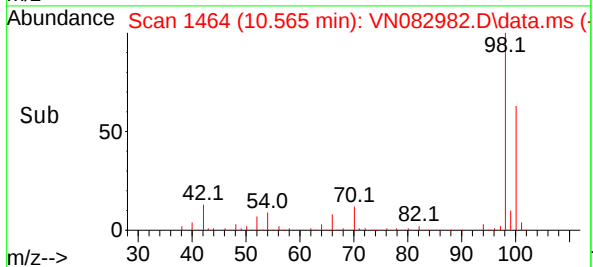
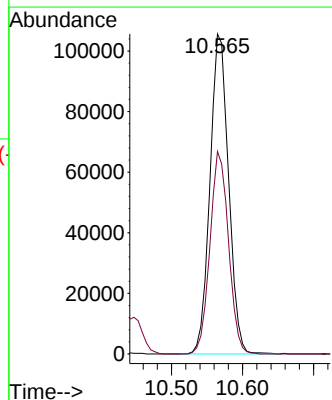
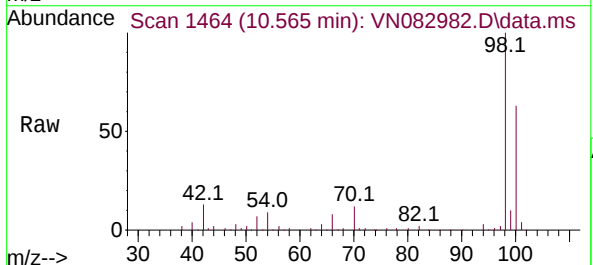
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

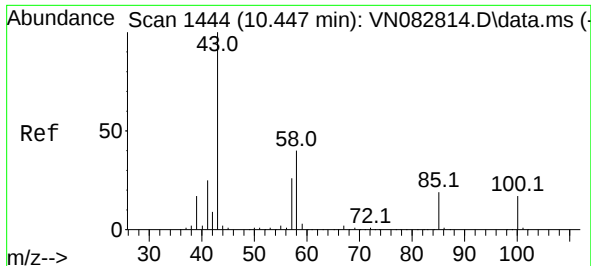
Tgt Ion: 88 Resp: 8009
Ion Ratio Lower Upper
88 100
43 31.7 27.8 41.8
58 65.7 59.4 89.0



#50
Toluene-d8
Concen: 56.120 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 98 Resp: 191585
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 107.374 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

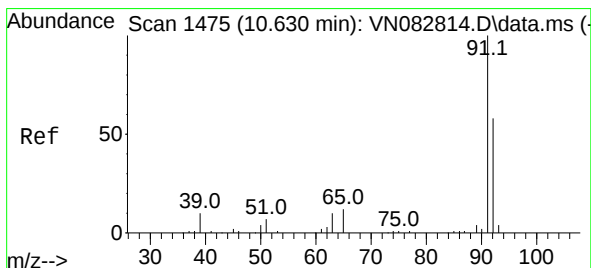
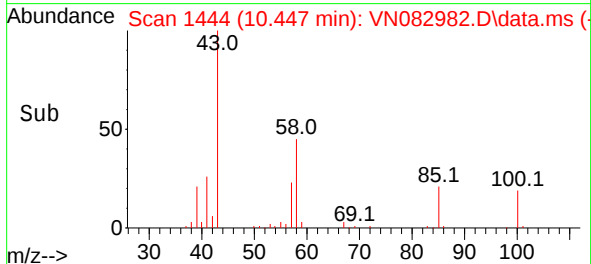
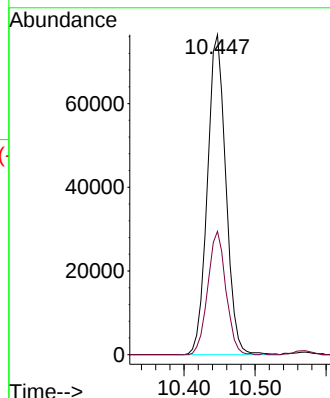
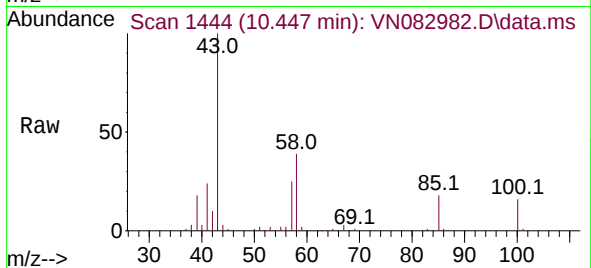
VN0719WBS01

Tgt Ion: 43 Resp: 138107

Ion Ratio Lower Upper

43 100

58 37.9 28.2 42.4



#52

Toluene

Concen: 21.405 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN082982.D

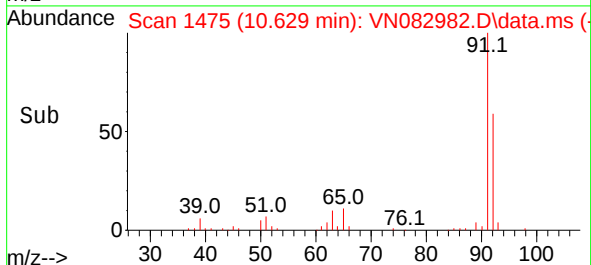
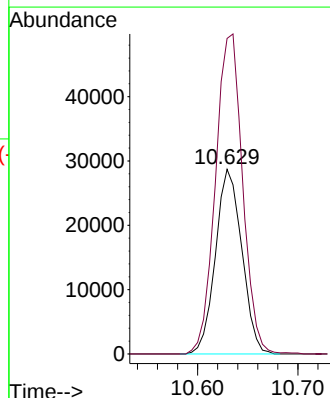
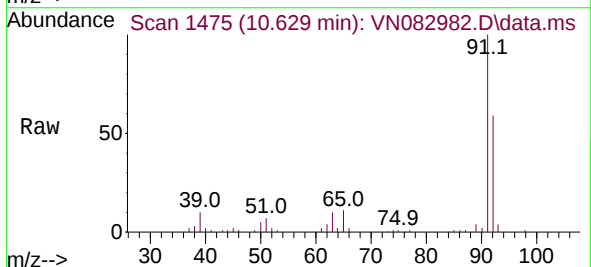
Acq: 19 Jul 2024 12:23

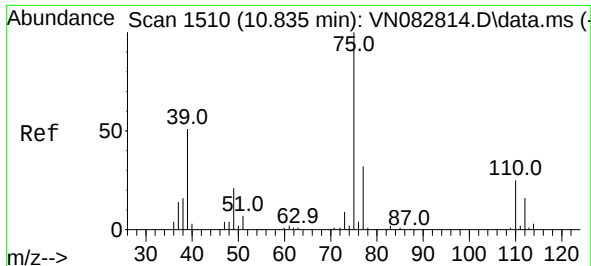
Tgt Ion: 92 Resp: 52413

Ion Ratio Lower Upper

92 100

91 178.6 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 20.850 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

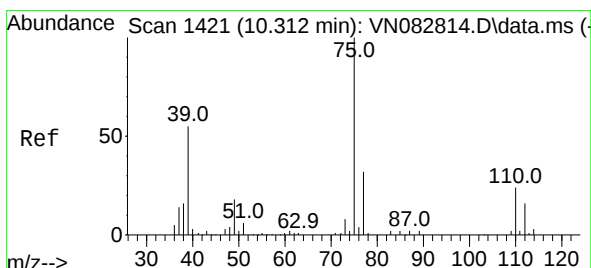
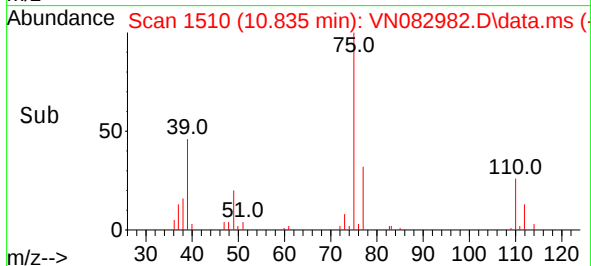
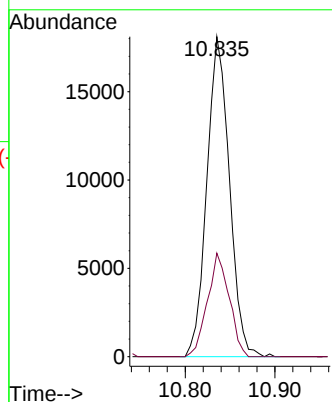
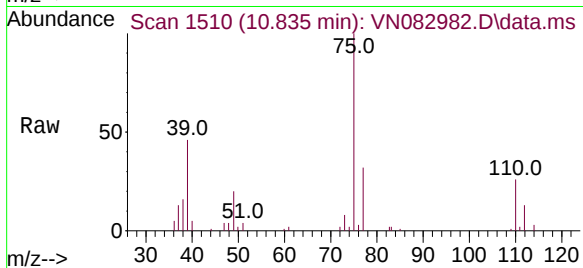
VN0719WBS01

Tgt Ion: 75 Resp: 31642

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.075 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

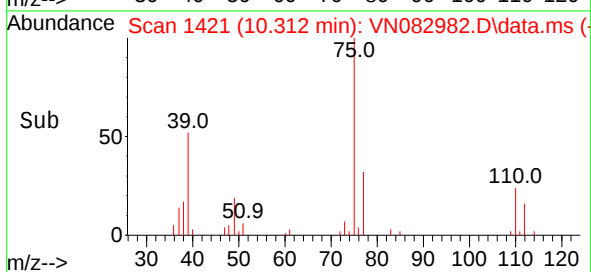
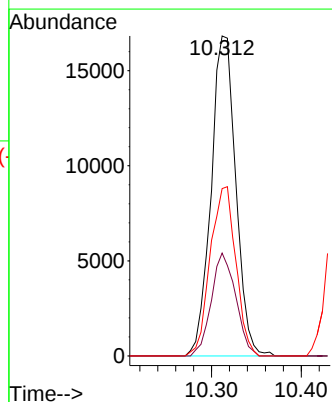
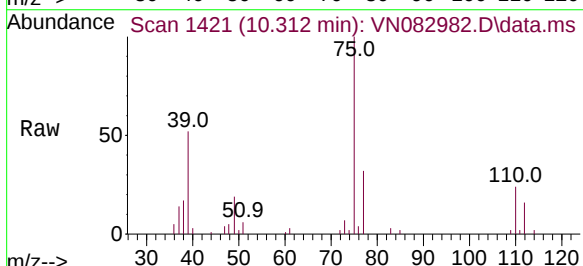
Tgt Ion: 75 Resp: 32247

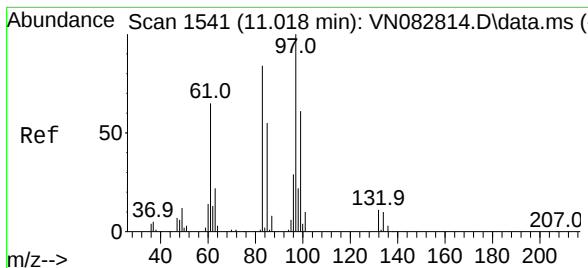
Ion Ratio Lower Upper

75 100

77 32.1 24.3 36.5

39 52.3 50.5 75.7



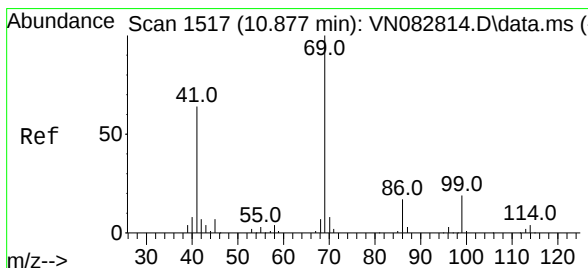
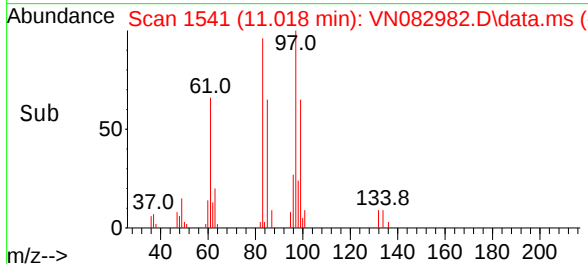
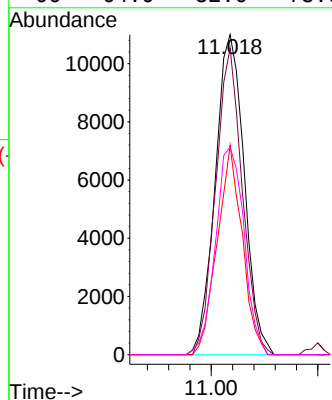
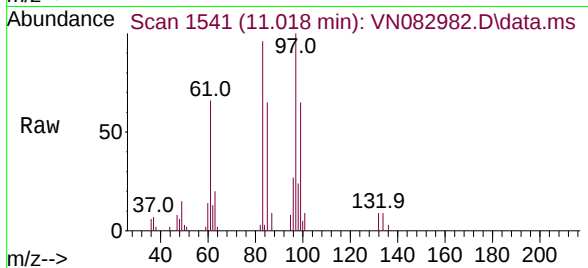


#55
1,1,2-Trichloroethane
Concen: 23.067 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tgt Ion: 97 Resp: 20770

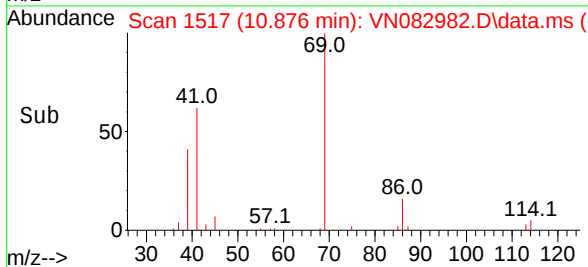
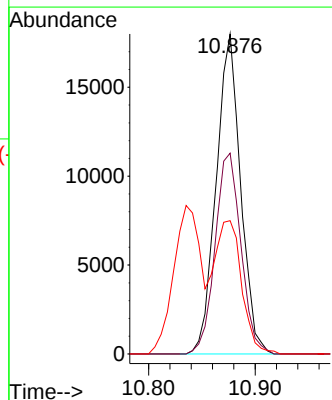
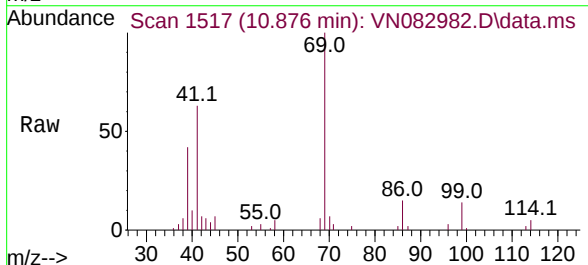
Ion	Ratio	Lower	Upper
97	100		
83	95.8	71.4	107.0
85	65.4	45.8	68.6
99	64.9	52.0	78.0

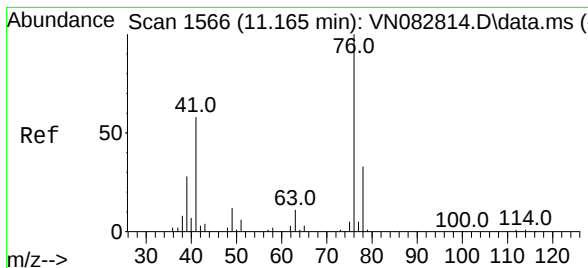


#56
Ethyl methacrylate
Concen: 20.439 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 69 Resp: 28633

Ion	Ratio	Lower	Upper
69	100		
41	66.3	63.4	95.2
39	47.4	37.4	56.0





#57

1,3-Dichloropropane

Concen: 21.762 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

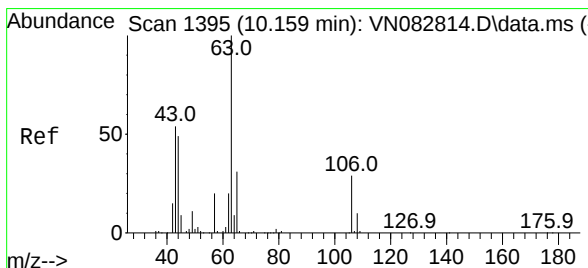
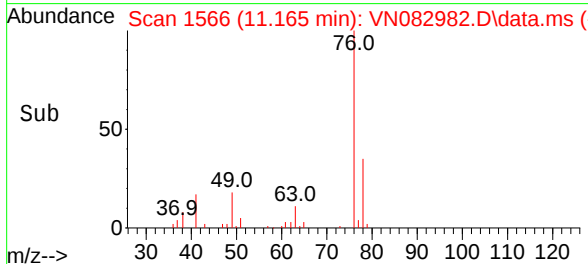
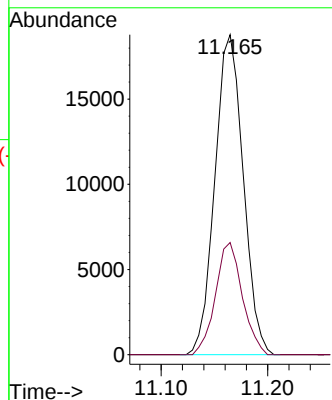
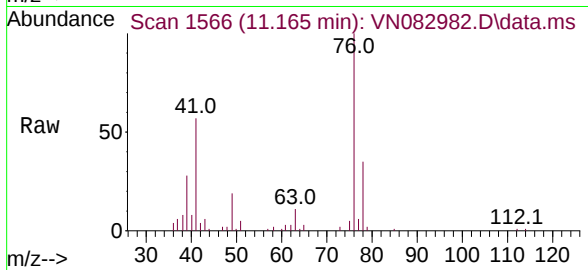
VN0719WBS01

Tgt Ion: 76 Resp: 34685

Ion Ratio Lower Upper

76 100

78 33.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.907 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082982.D

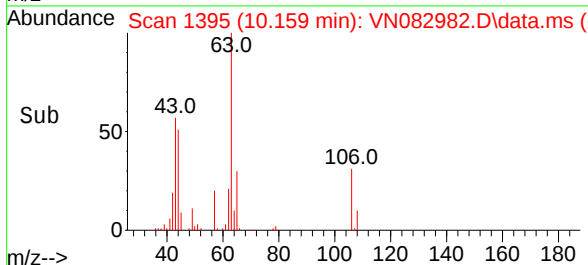
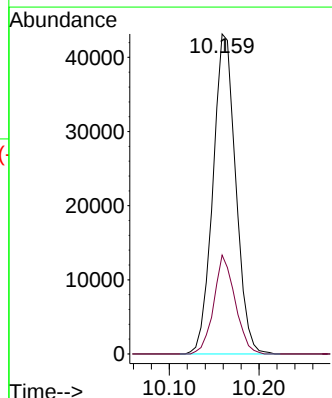
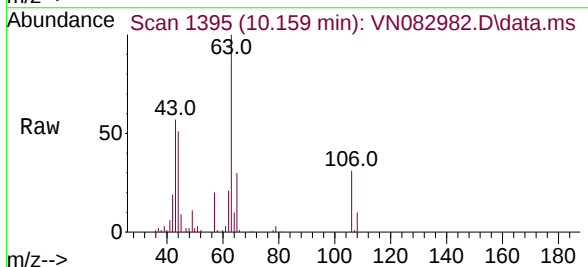
Acq: 19 Jul 2024 12:23

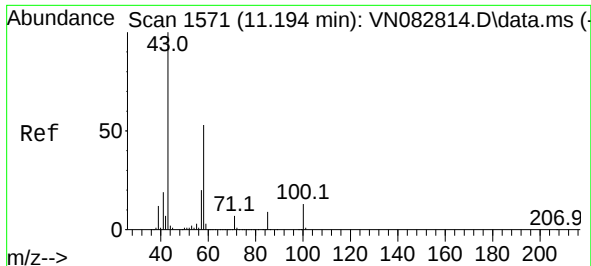
Tgt Ion: 63 Resp: 76129

Ion Ratio Lower Upper

63 100

106 28.8 21.4 32.0





#59

2-Hexanone

Concen: 102.869 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

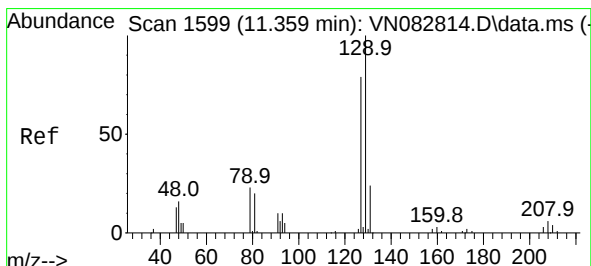
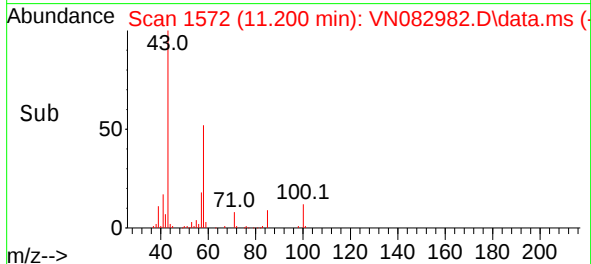
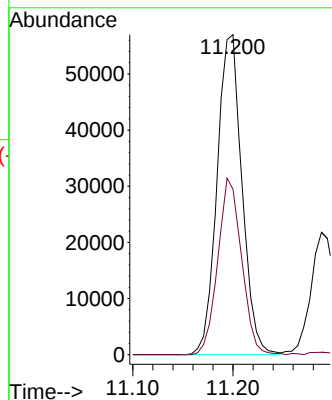
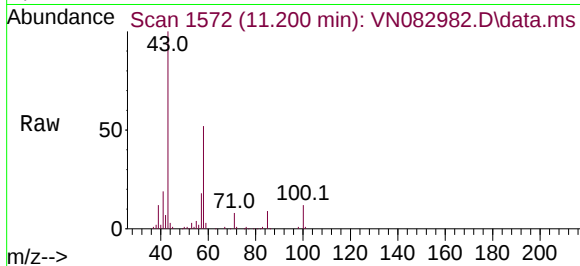
VN0719WBS01

Tgt Ion: 43 Resp: 98372

Ion Ratio Lower Upper

43 100

58 52.6 24.6 73.8



#60

Dibromochloromethane

Concen: 21.740 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082982.D

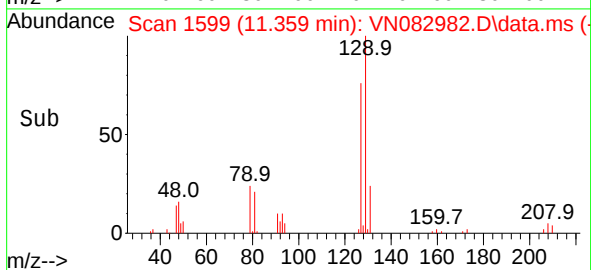
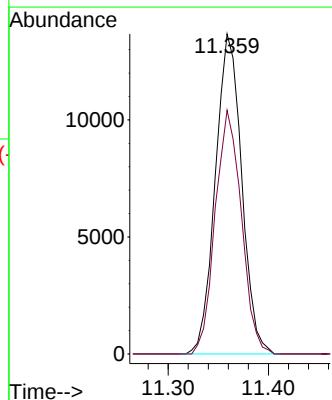
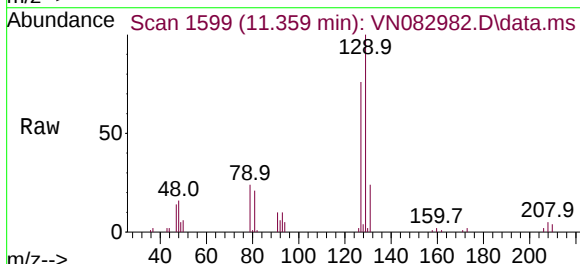
Acq: 19 Jul 2024 12:23

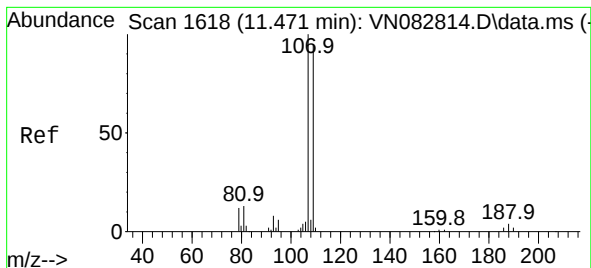
Tgt Ion:129 Resp: 24932

Ion Ratio Lower Upper

129 100

127 75.7 39.2 117.6





#61

1,2-Dibromoethane

Concen: 21.567 ug/l

RT: 11.470 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

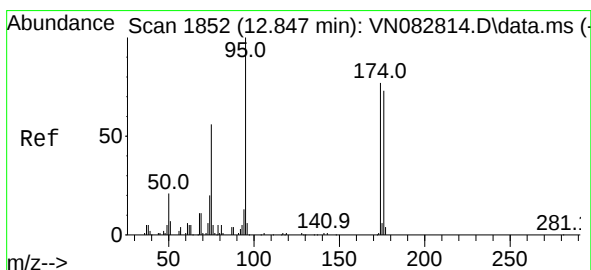
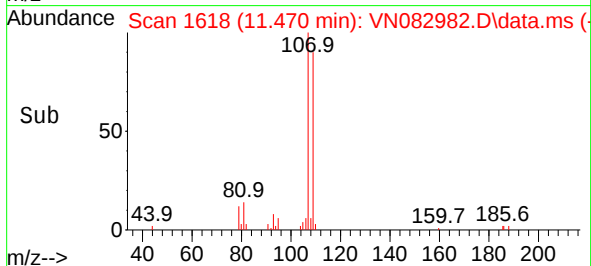
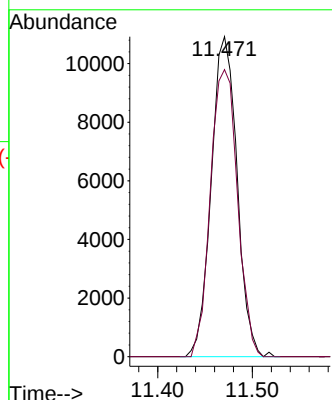
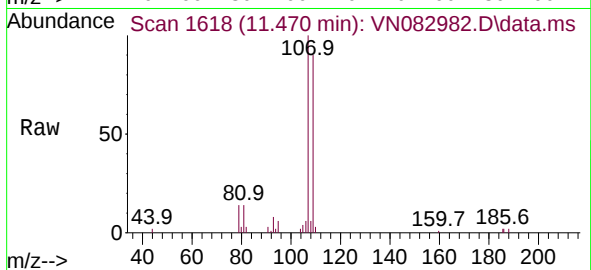
VN0719WBS01

Tgt Ion:107 Resp: 20623

Ion Ratio Lower Upper

107 100

109 94.4 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 48.835 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

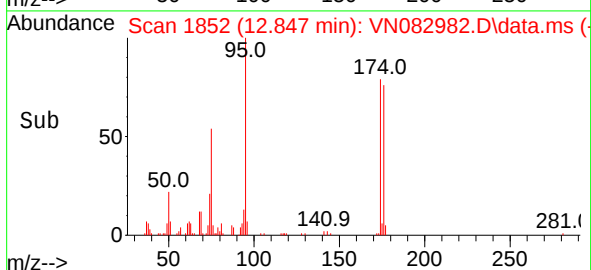
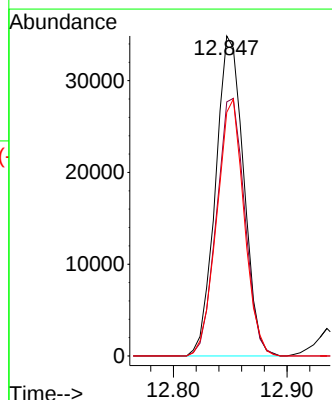
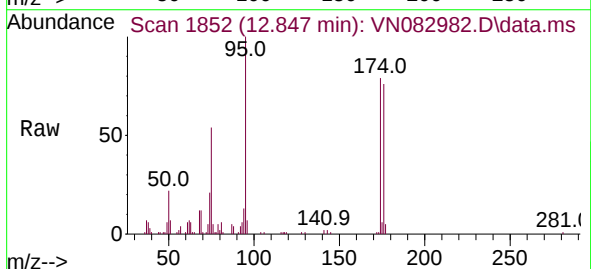
Tgt Ion: 95 Resp: 59886

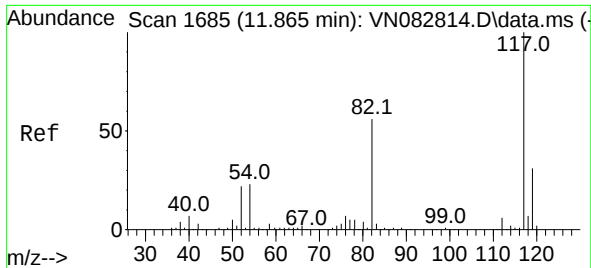
Ion Ratio Lower Upper

95 100

174 81.0 0.0 159.2

176 78.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

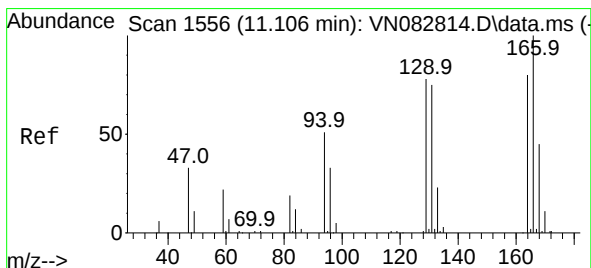
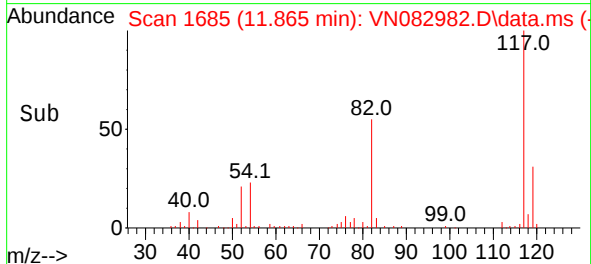
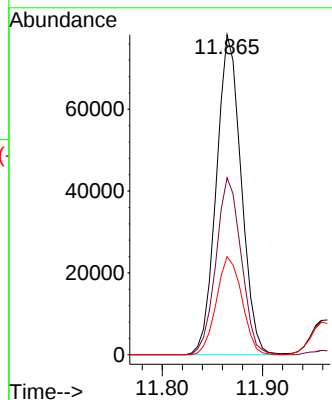
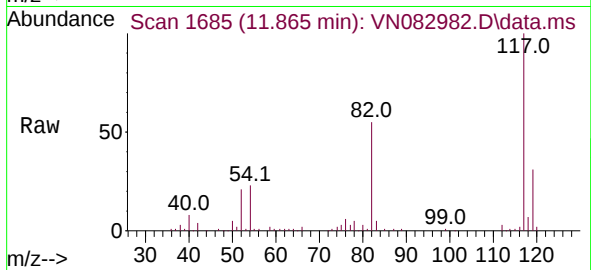
Tgt Ion:117 Resp: 134121

Ion Ratio Lower Upper

117 100

82 55.3 47.5 71.3

119 30.6 25.6 38.4



#64

Tetrachloroethene

Concen: 20.095 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Tgt Ion:164 Resp: 20108

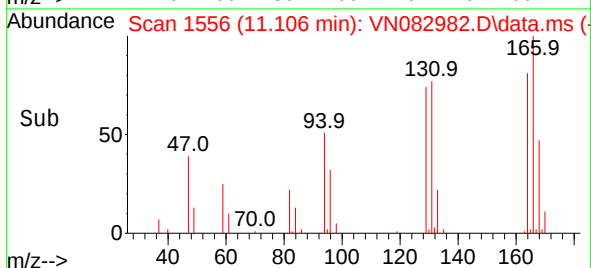
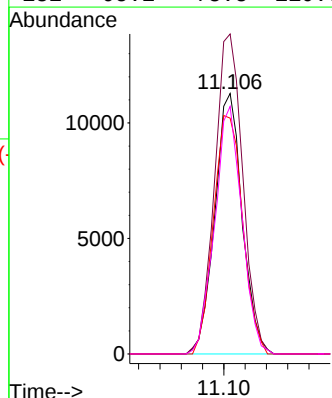
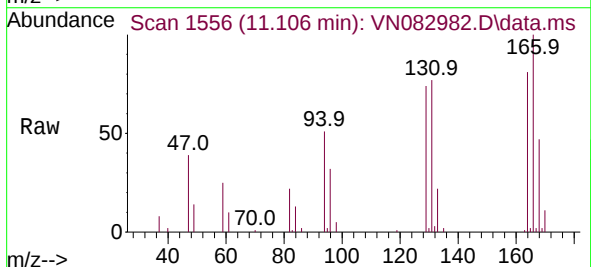
Ion Ratio Lower Upper

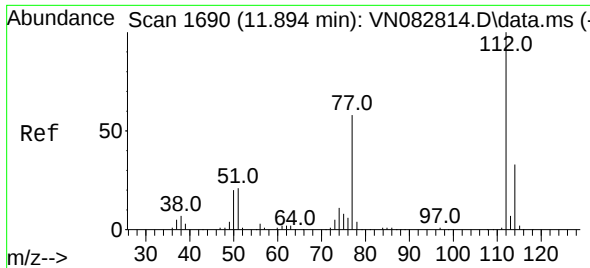
164 100

166 122.9 101.4 152.0

129 90.6 75.7 113.5

131 95.1 73.8 110.6

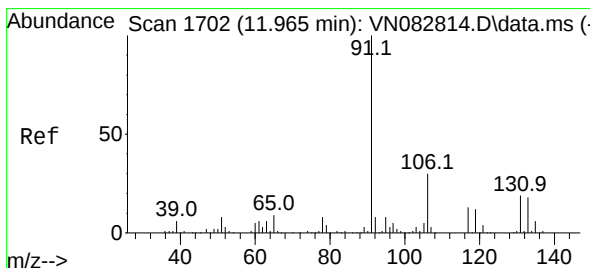
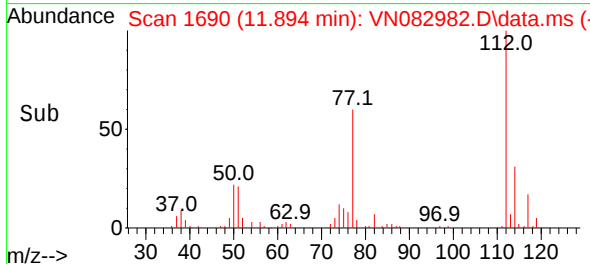
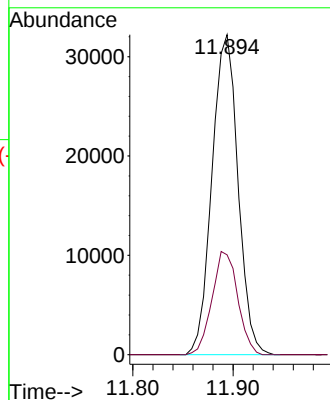
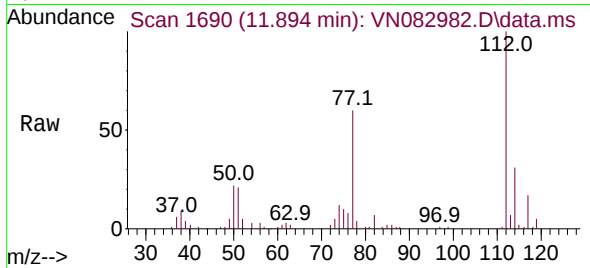




#65
Chlorobenzene
Concen: 20.205 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

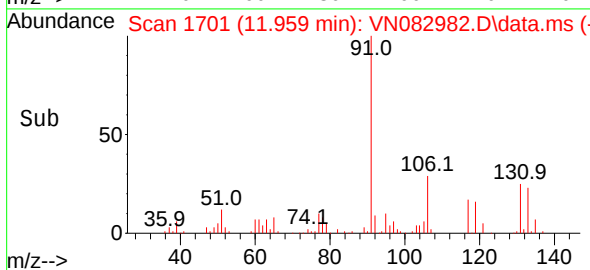
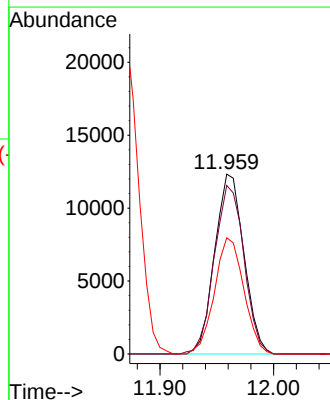
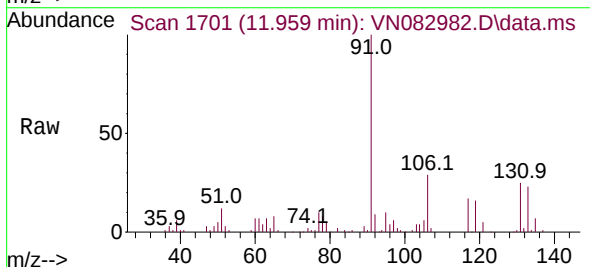
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

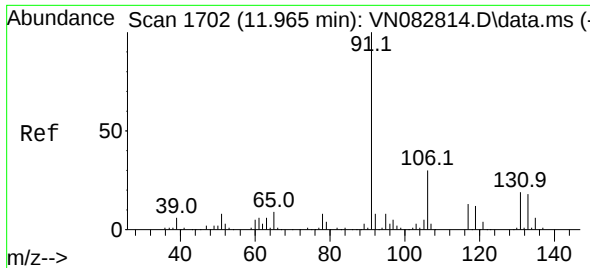
Tgt Ion:112 Resp: 58069
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.570 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion:131 Resp: 22051
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 64.8 32.5 97.4





#67

Ethyl Benzene

Concen: 19.513 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

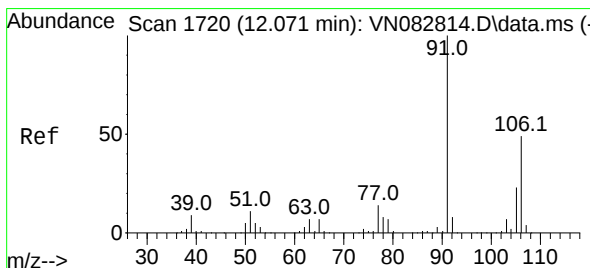
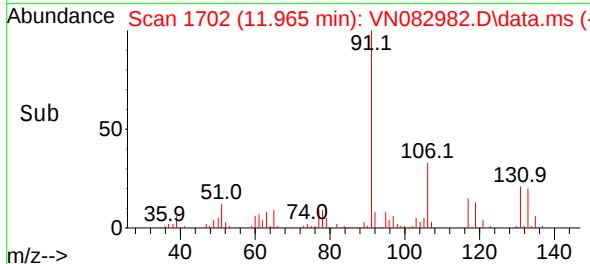
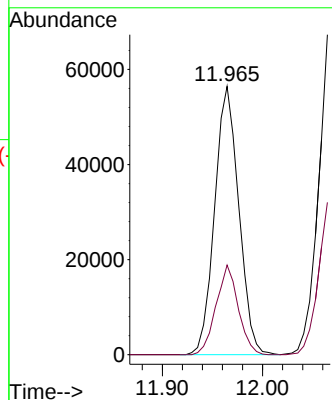
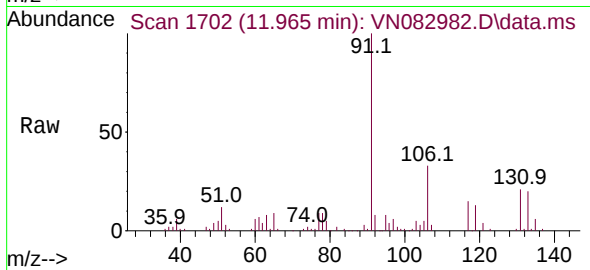
VN0719WBS01

Tgt Ion: 91 Resp: 94252

Ion Ratio Lower Upper

91 100

106 33.4 24.0 36.0



#68

m/p-Xylenes

Concen: 40.450 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082982.D

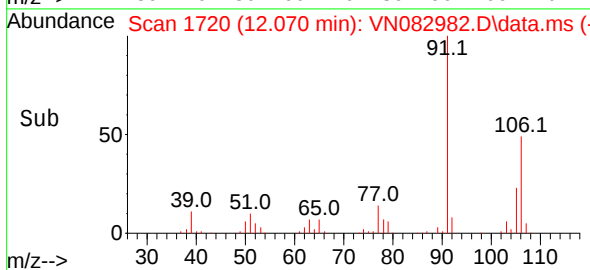
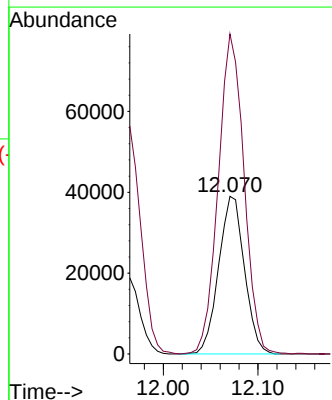
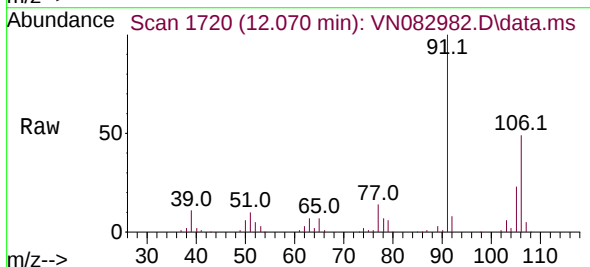
Acq: 19 Jul 2024 12:23

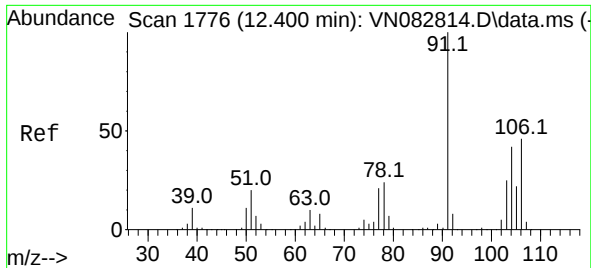
Tgt Ion:106 Resp: 73767

Ion Ratio Lower Upper

106 100

91 203.2 166.1 249.1





#69

o-Xylene

Concen: 19.703 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

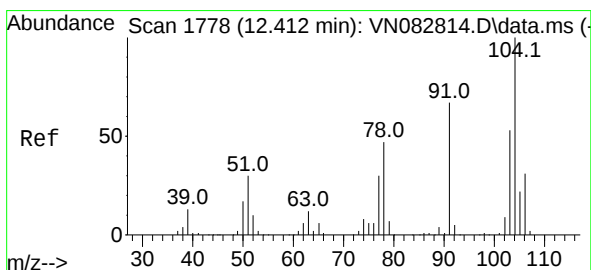
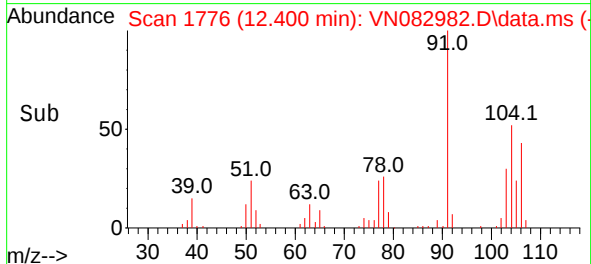
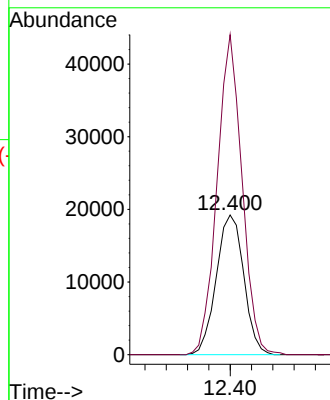
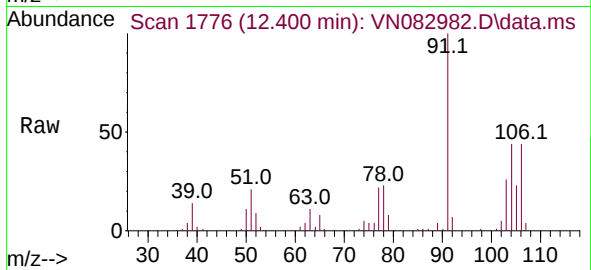
VN0719WBS01

Tgt Ion:106 Resp: 34429

Ion Ratio Lower Upper

106 100

91 207.9 111.3 333.9



#70

Styrene

Concen: 20.863 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

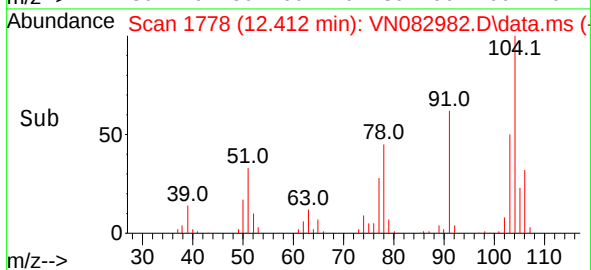
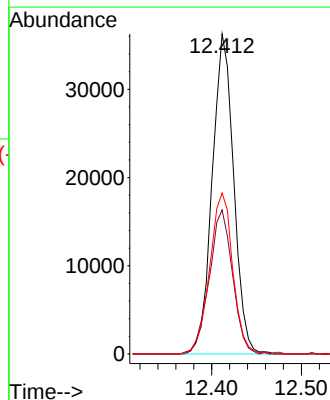
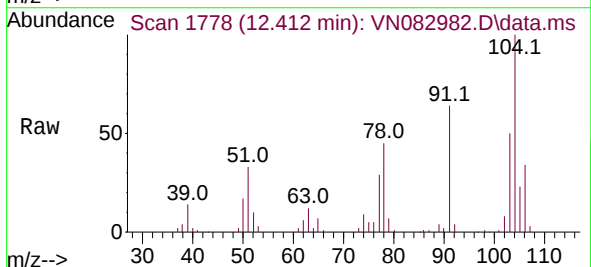
Tgt Ion:104 Resp: 60235

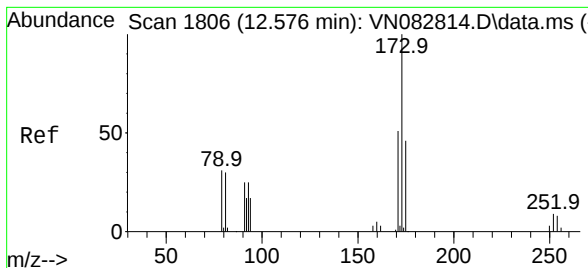
Ion Ratio Lower Upper

104 100

78 49.0 41.6 62.4

103 54.1 44.0 66.0





#71

Bromoform

Concen: 20.064 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

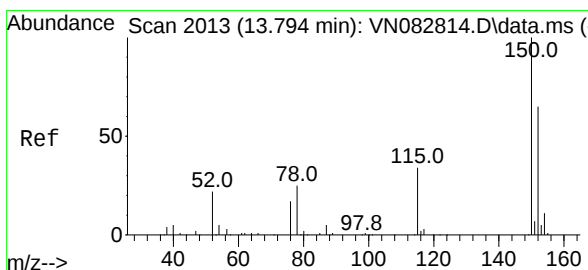
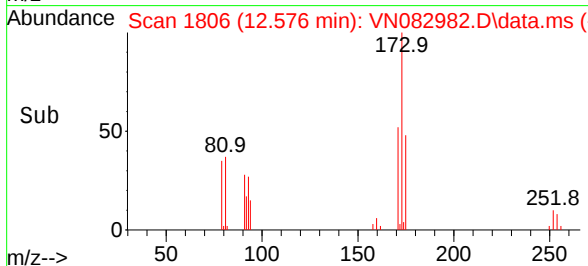
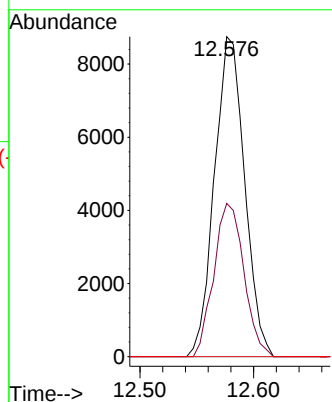
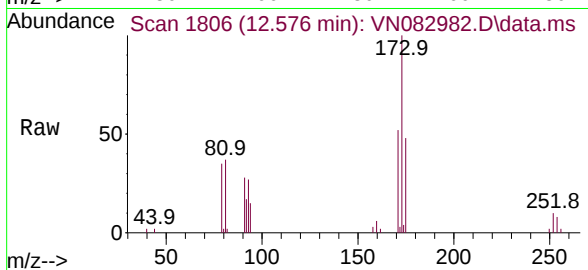
Tgt Ion:173 Resp: 16131

Ion Ratio Lower Upper

173 100

175 47.8 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

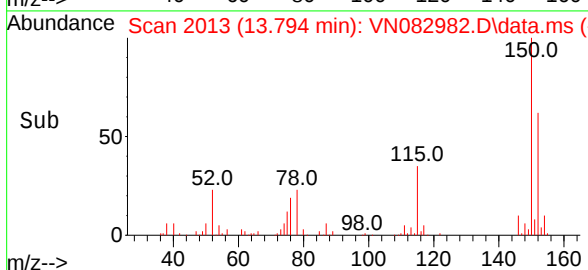
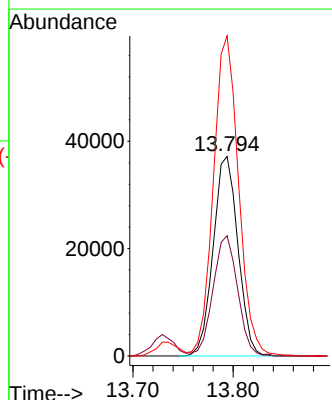
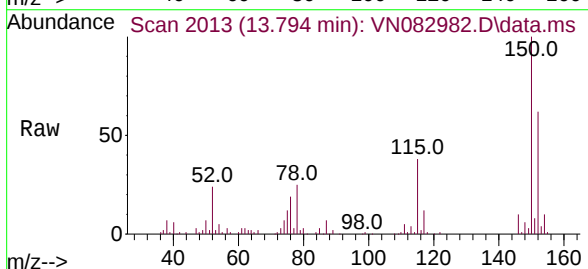
Tgt Ion:152 Resp: 63701

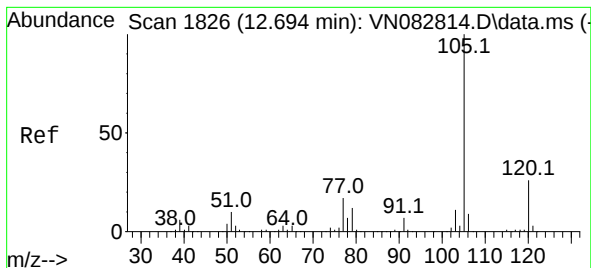
Ion Ratio Lower Upper

152 100

115 59.9 30.6 91.6

150 163.4 0.0 348.6





#73

Isopropylbenzene

Concen: 18.534 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

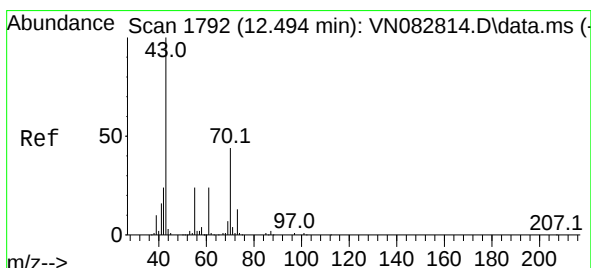
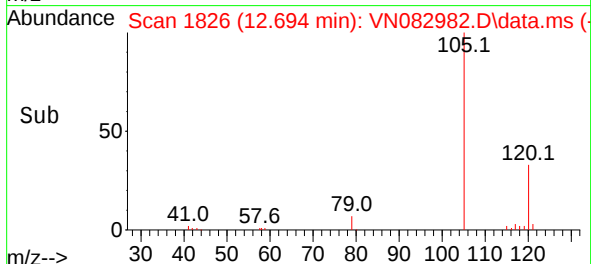
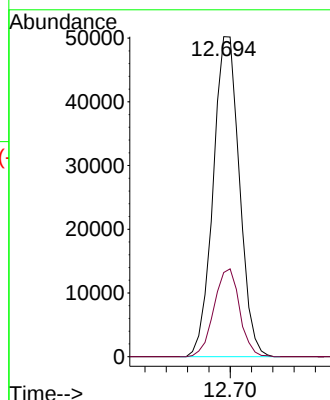
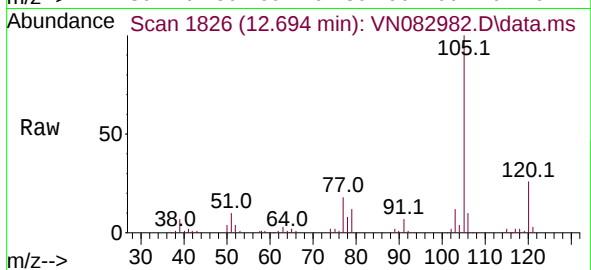
VN0719WBS01

Tgt Ion:105 Resp: 85792

Ion Ratio Lower Upper

105 100

120 26.7 12.9 38.6



#74

N-ethyl acetate

Concen: 18.623 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Tgt Ion: 43 Resp: 35656

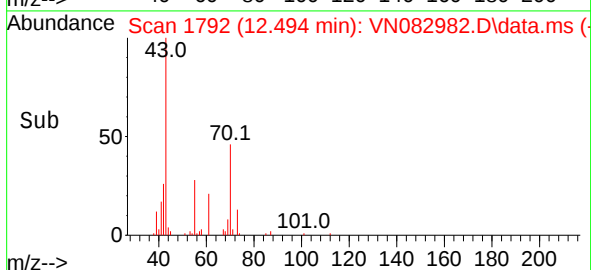
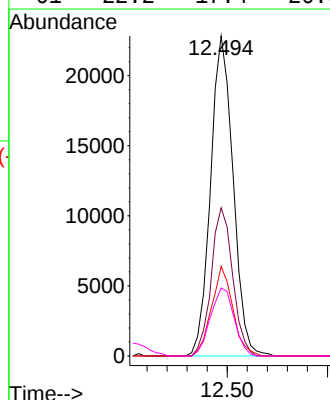
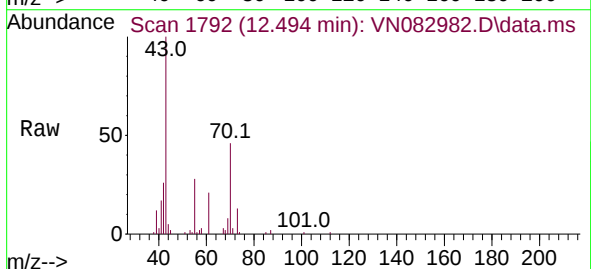
Ion Ratio Lower Upper

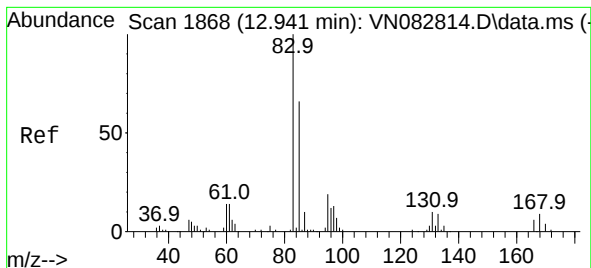
43 100

70 44.0 29.8 44.6

55 26.5 18.7 28.1

61 22.2 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.354 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

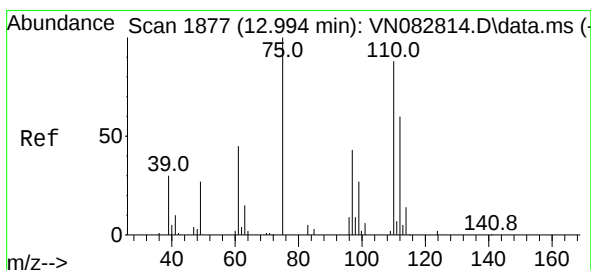
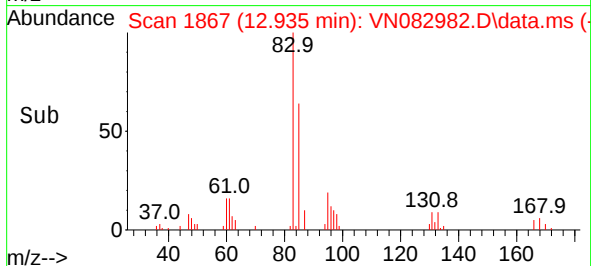
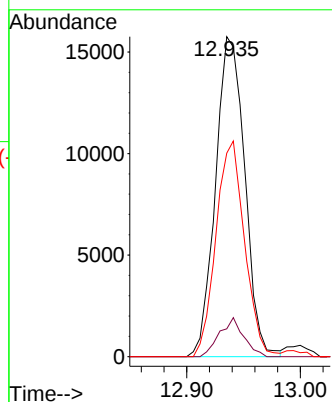
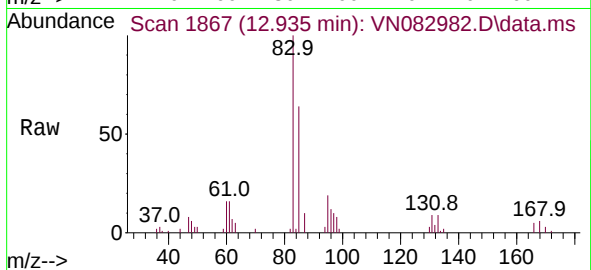
Tgt Ion: 83 Resp: 28217

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 65.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 35.127 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082982.D

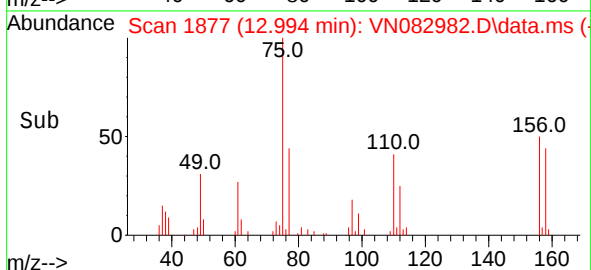
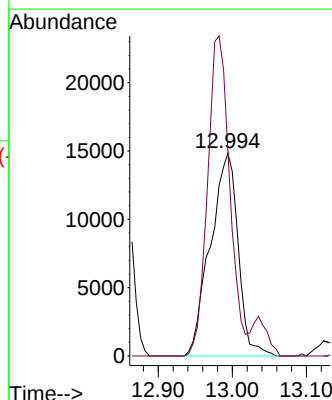
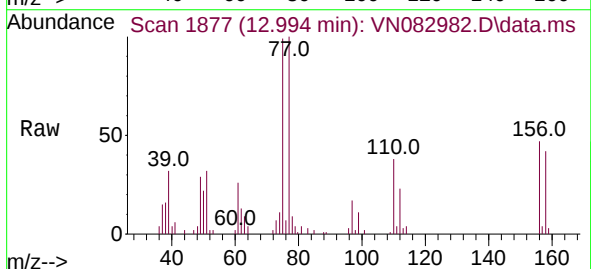
Acq: 19 Jul 2024 12:23

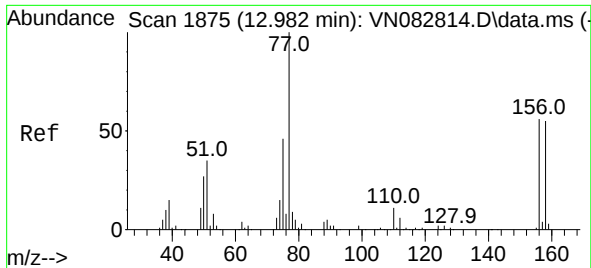
Tgt Ion: 75 Resp: 38578

Ion Ratio Lower Upper

75 100

77 125.8 110.9 332.6

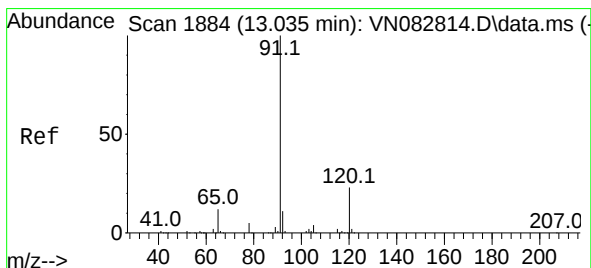
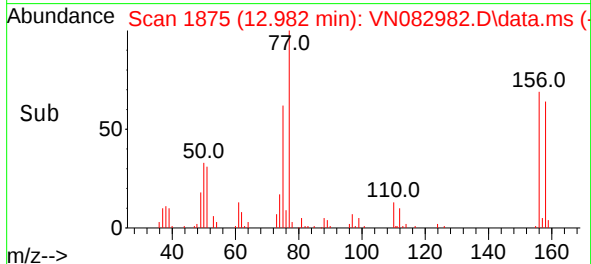
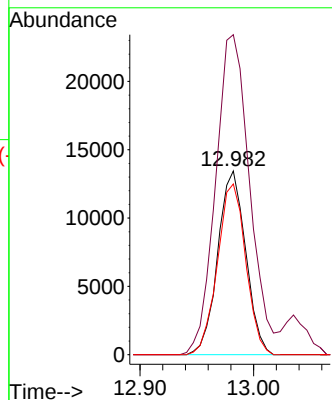
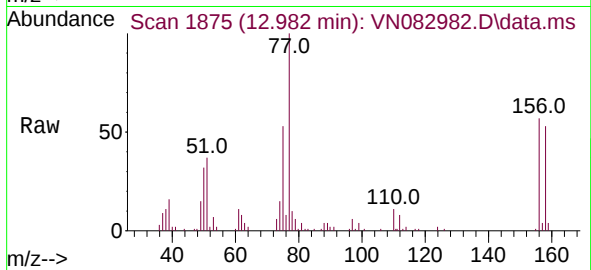




#77
Bromobenzene
Concen: 19.267 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

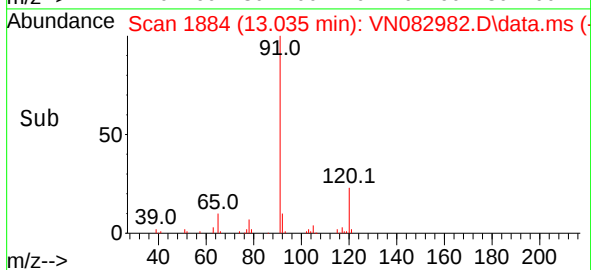
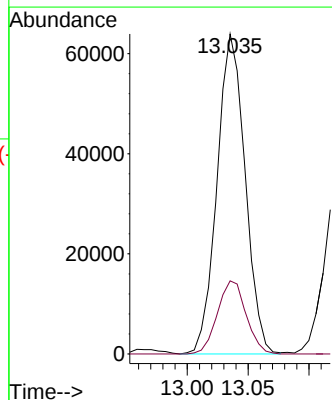
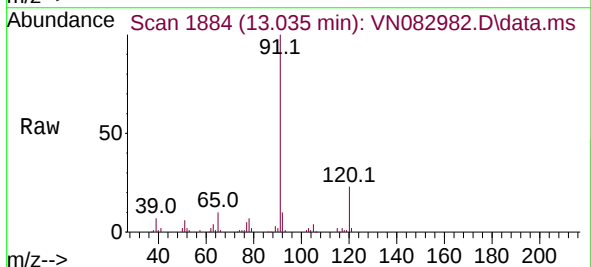
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

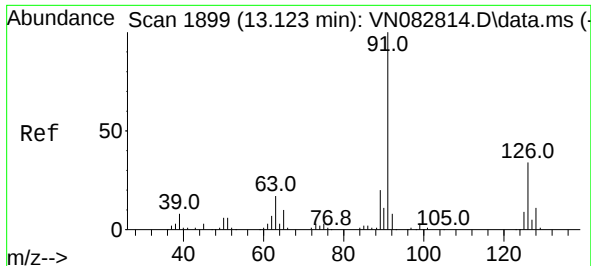
Tgt Ion:156 Resp: 23008
Ion Ratio Lower Upper
156 100
77 210.9 111.3 333.8
158 94.1 48.3 144.9



#78
n-propylbenzene
Concen: 19.262 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion: 91 Resp: 102515
Ion Ratio Lower Upper
91 100
120 23.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.101 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

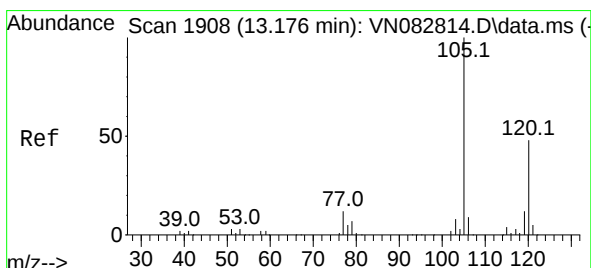
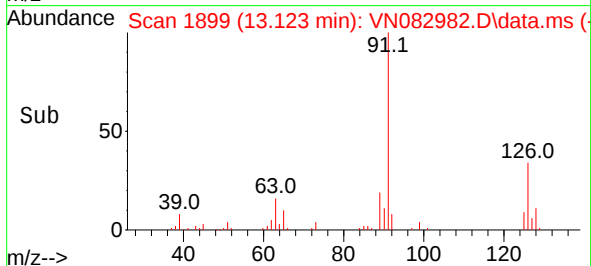
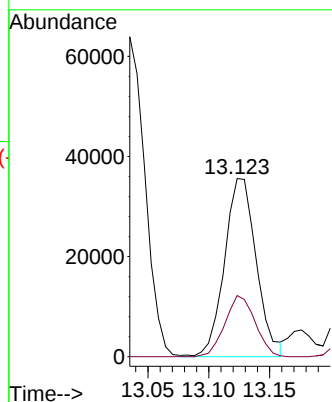
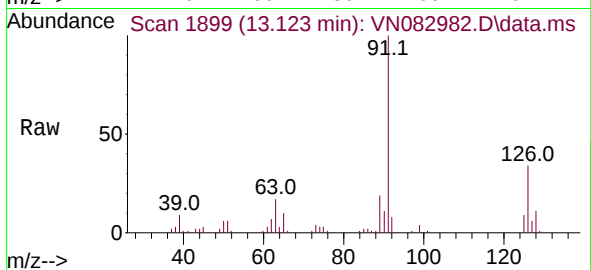
VN0719WBS01

Tgt Ion: 91 Resp: 64772

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.328 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082982.D

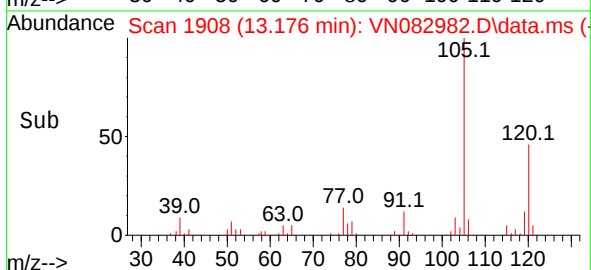
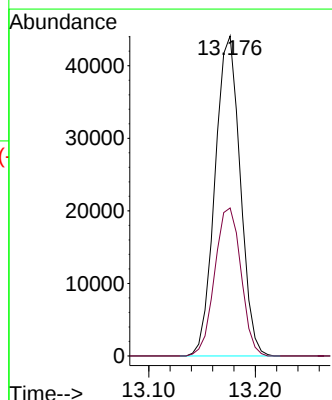
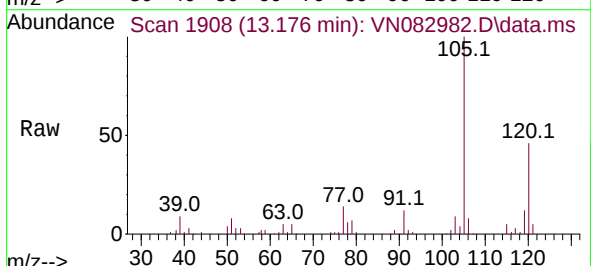
Acq: 19 Jul 2024 12:23

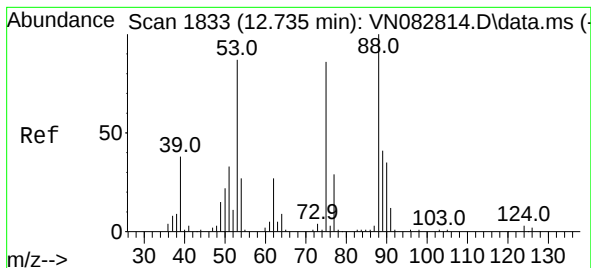
Tgt Ion:105 Resp: 72318

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.947 ug/l

RT: 12.741 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

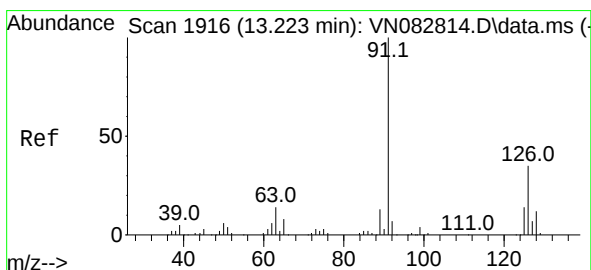
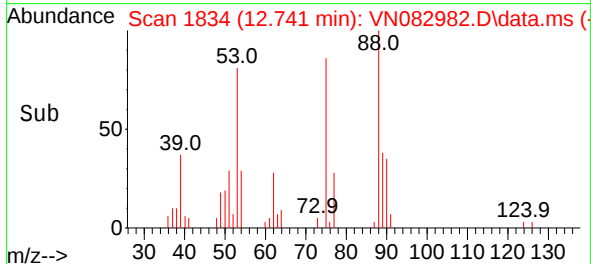
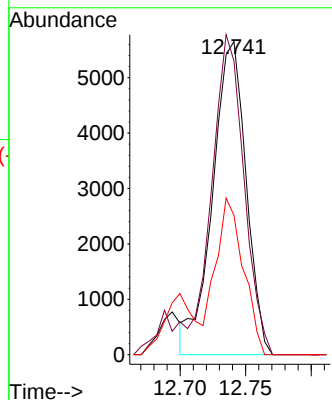
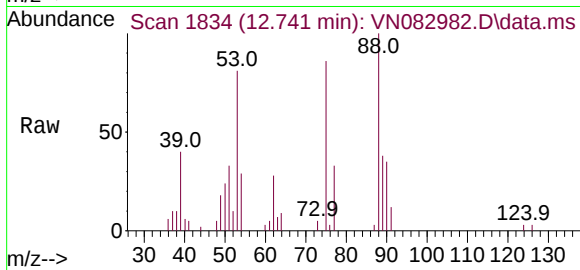
Tgt Ion: 75 Resp: 10022

Ion Ratio Lower Upper

75 100

53 97.3 88.4 132.6

89 41.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.791 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.000 min

Lab File: VN082982.D

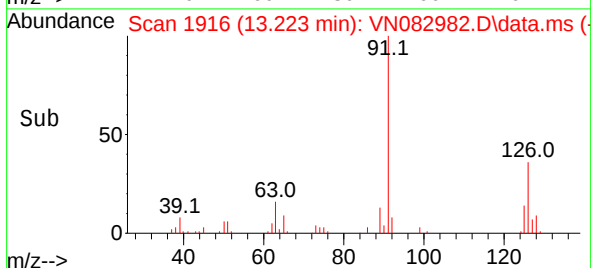
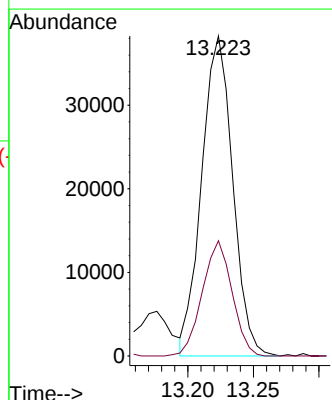
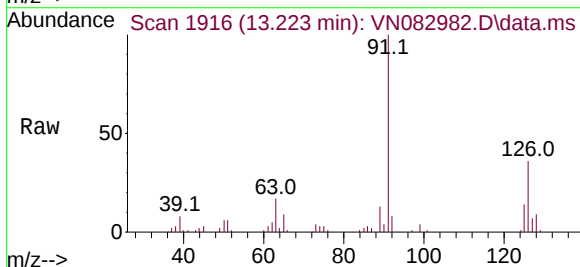
Acq: 19 Jul 2024 12:23

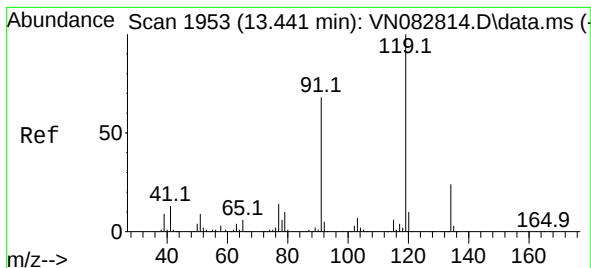
Tgt Ion: 91 Resp: 63071

Ion Ratio Lower Upper

91 100

126 34.5 16.2 48.6





#83

tert-Butylbenzene

Concen: 17.654 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

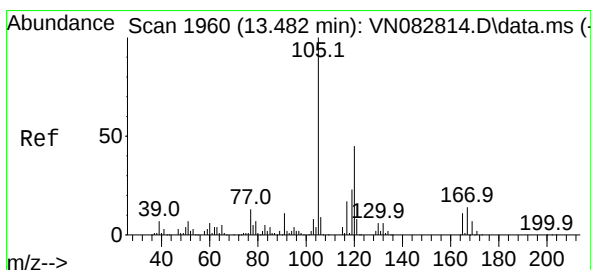
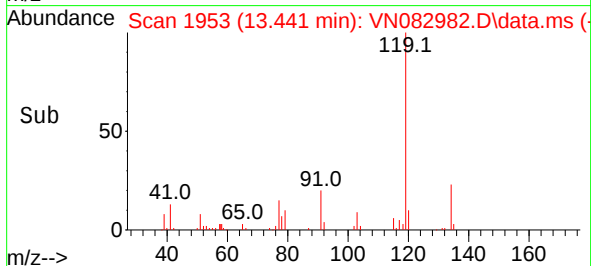
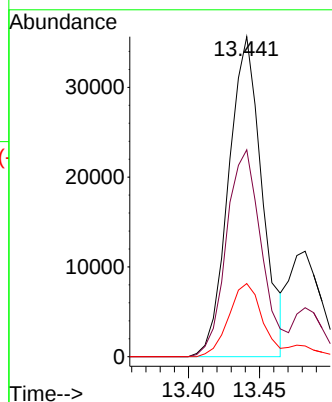
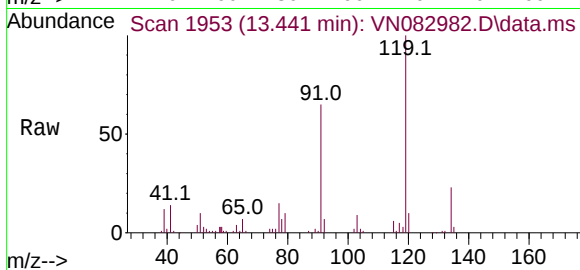
Tgt Ion:119 Resp: 58561

Ion Ratio Lower Upper

119 100

91 68.4 35.0 105.1

134 23.3 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 19.082 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082982.D

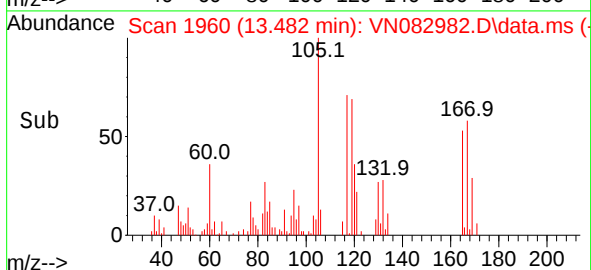
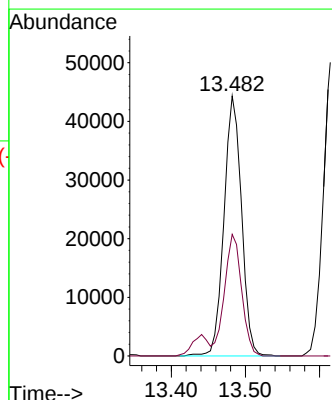
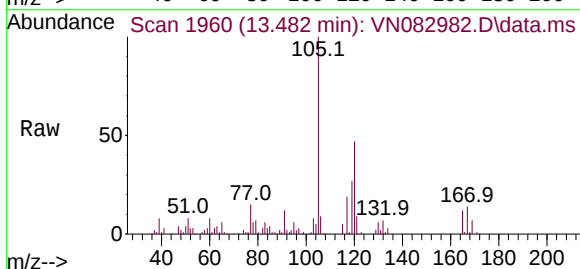
Acq: 19 Jul 2024 12:23

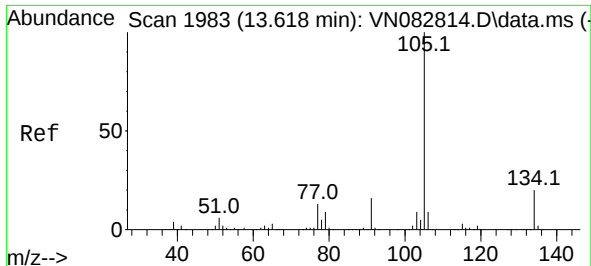
Tgt Ion:105 Resp: 72770

Ion Ratio Lower Upper

105 100

120 45.9 21.9 65.8





#85

sec-Butylbenzene

Concen: 18.690 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

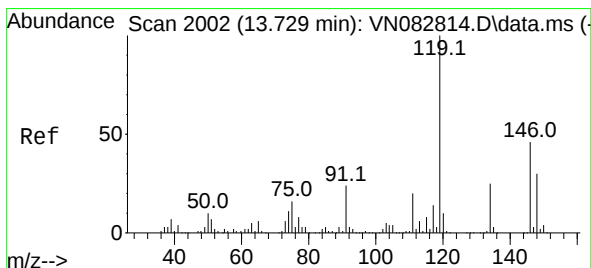
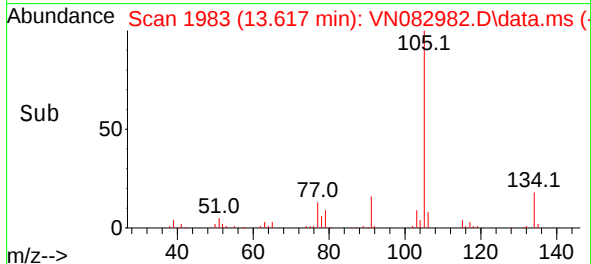
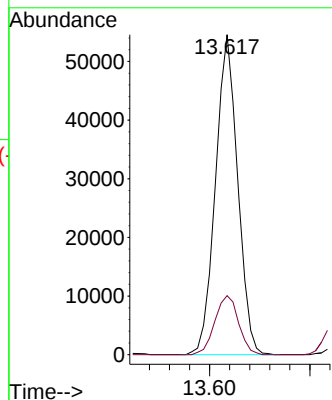
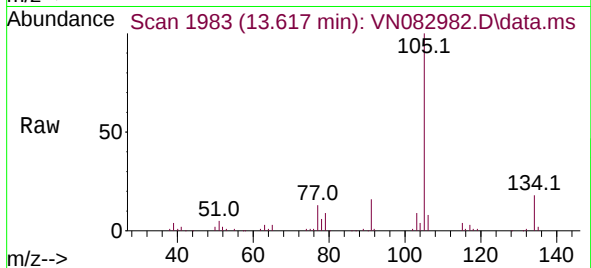
VN0719WBS01

Tgt Ion:105 Resp: 83777

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.226 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

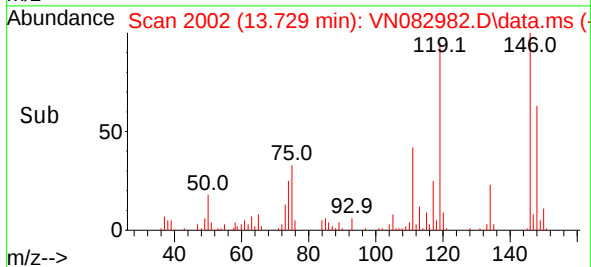
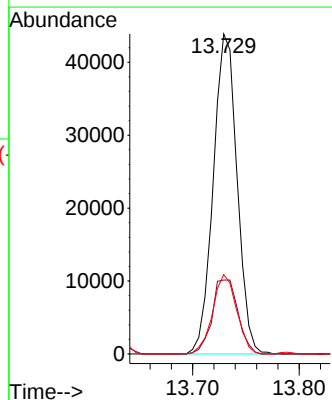
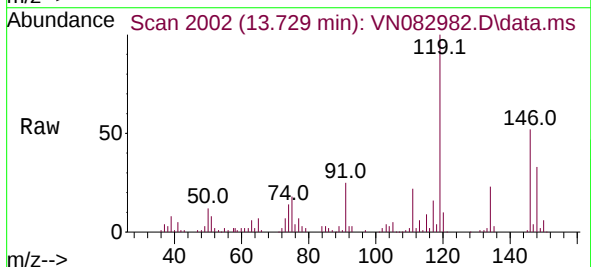
Tgt Ion:119 Resp: 68161

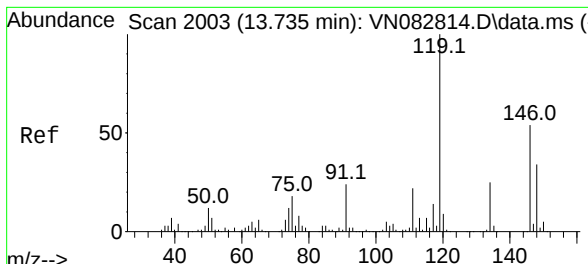
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 25.0 12.3 36.9

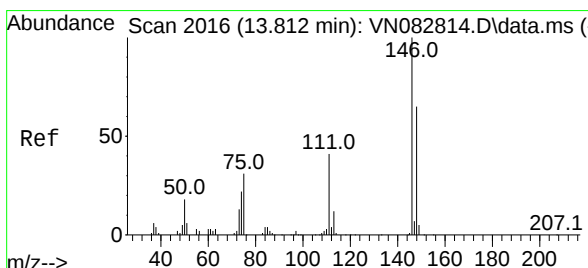
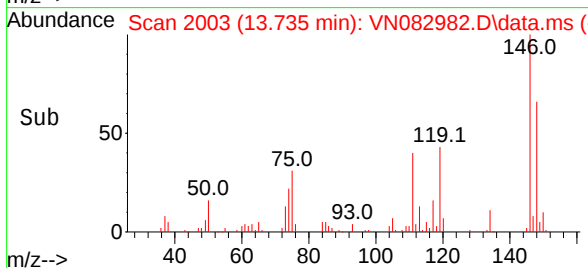
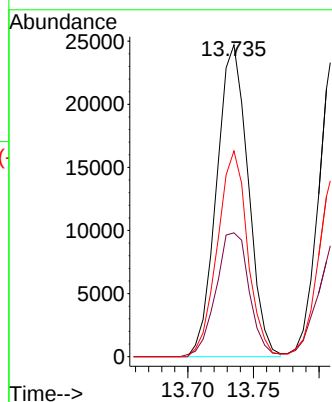
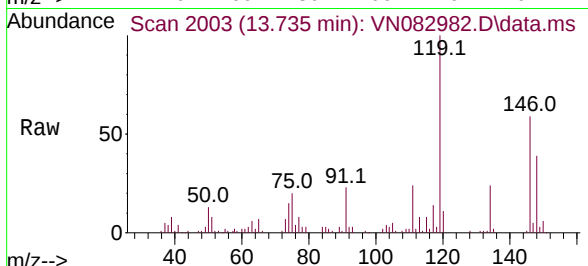




#87
 1,3-Dichlorobenzene
 Concen: 19.124 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082982.D
 Acq: 19 Jul 2024 12:23

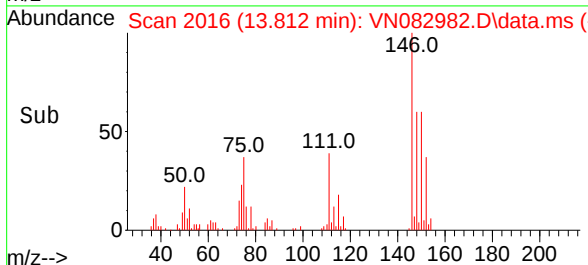
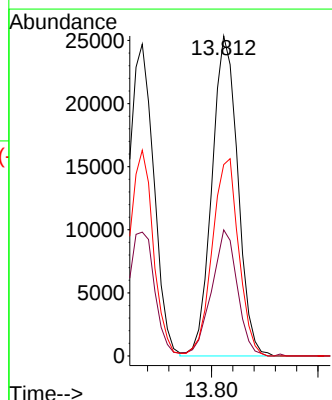
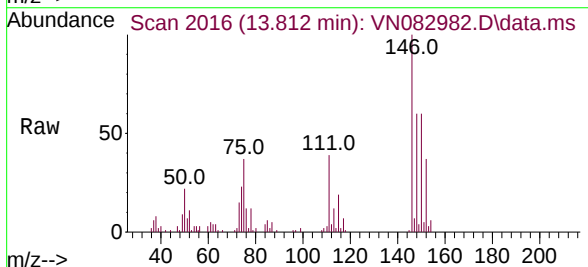
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

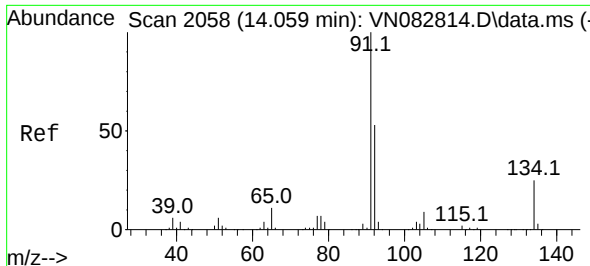
Tgt Ion:146 Resp: 41255
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.9
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.167 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN082982.D
 Acq: 19 Jul 2024 12:23

Tgt Ion:146 Resp: 42761
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.1 60.3
 148 63.0 32.2 96.6





#89

n-Butylbenzene

Concen: 17.535 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

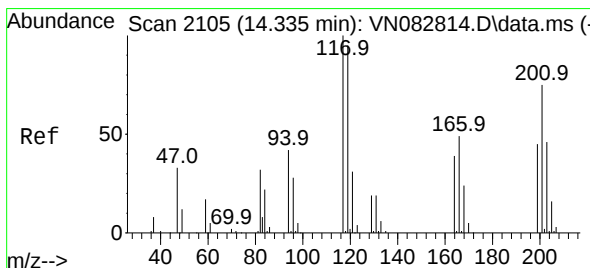
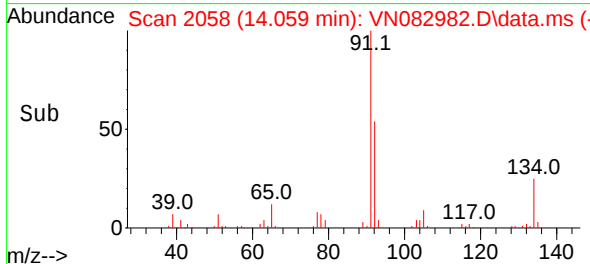
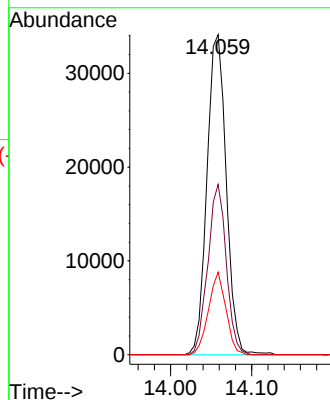
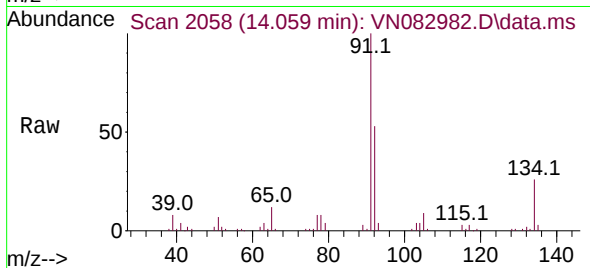
Tgt Ion: 91 Resp: 56183

Ion Ratio Lower Upper

91 100

92 50.8 26.1 78.3

134 23.4 12.1 36.3



#90

Hexachloroethane

Concen: 18.933 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082982.D

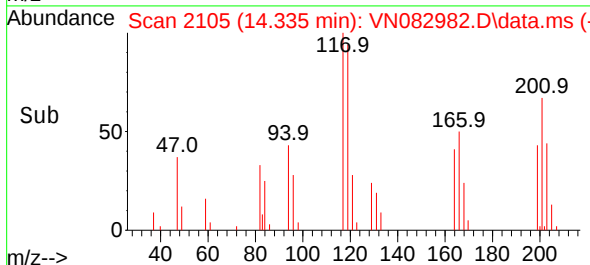
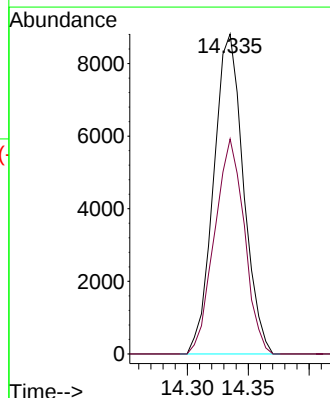
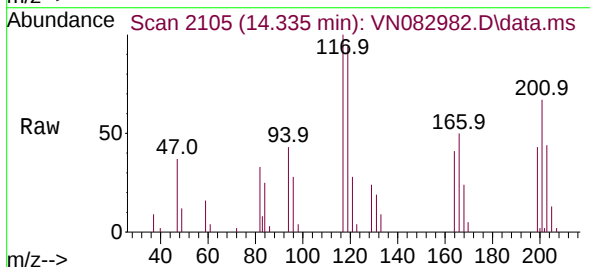
Acq: 19 Jul 2024 12:23

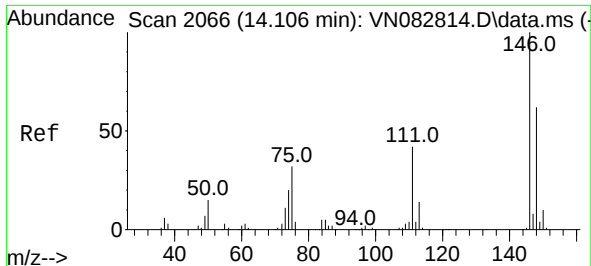
Tgt Ion: 117 Resp: 14982

Ion Ratio Lower Upper

117 100

201 67.3 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 19.405 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

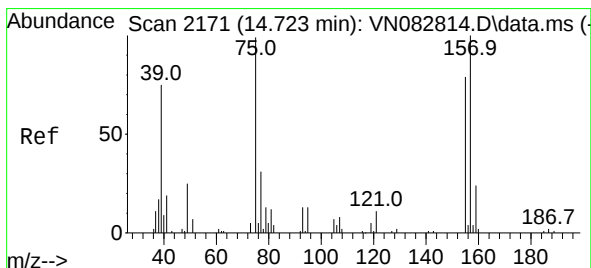
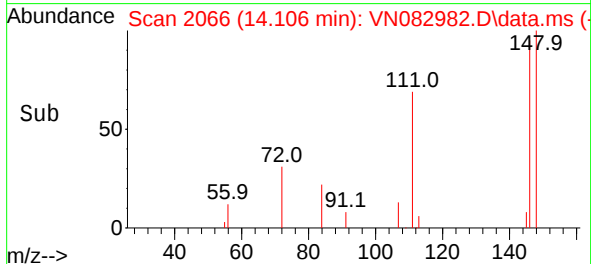
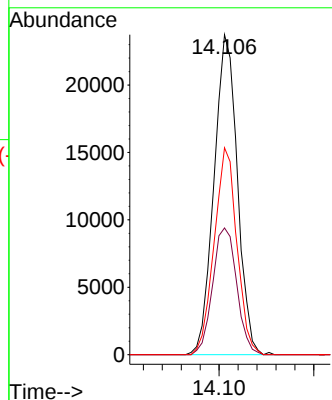
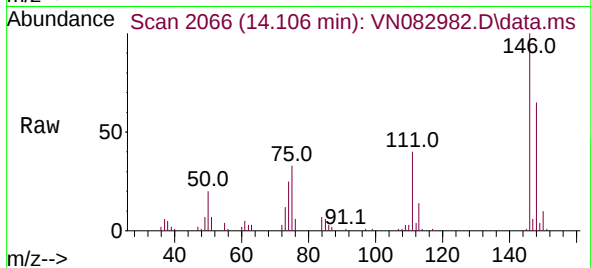
Tgt Ion:146 Resp: 40643

Ion Ratio Lower Upper

146 100

111 40.8 21.4 64.2

148 62.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.735 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

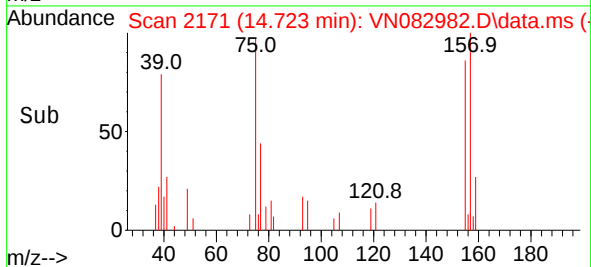
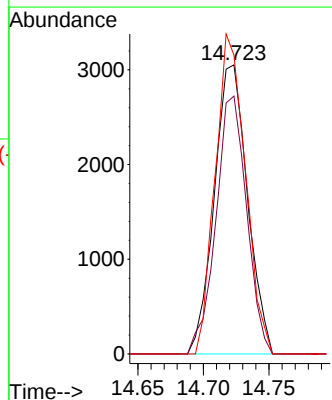
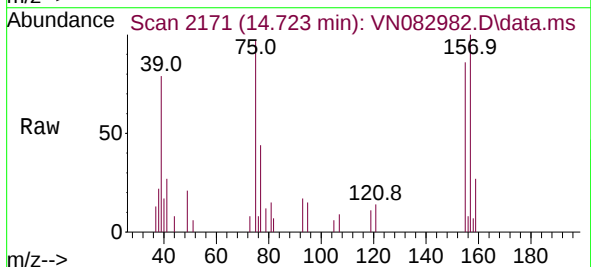
Tgt Ion: 75 Resp: 5367

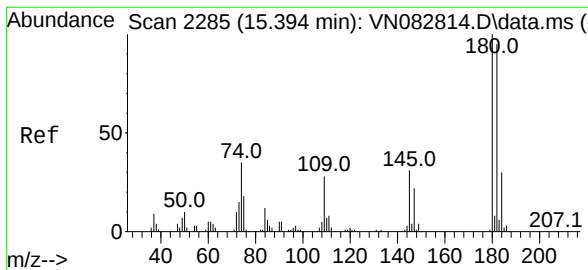
Ion Ratio Lower Upper

75 100

155 82.7 36.6 109.8

157 100.6 46.9 140.6

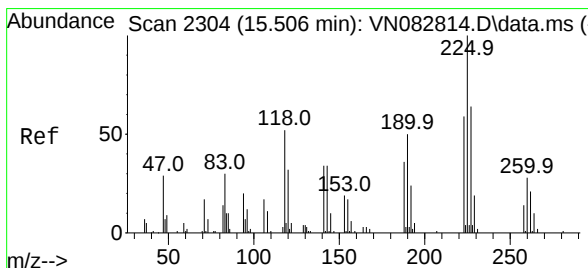
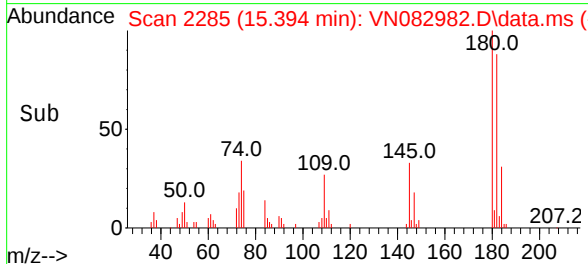
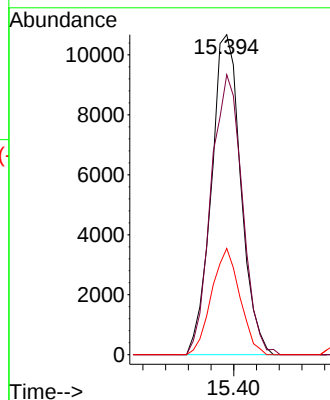
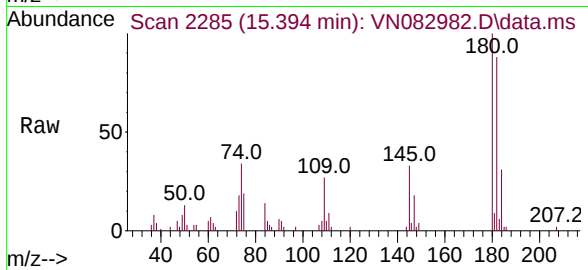




#93
1,2,4-Trichlorobenzene
Concen: 17.033 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

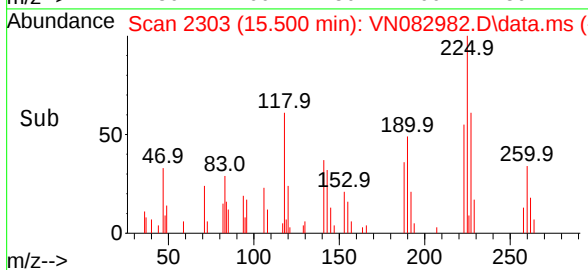
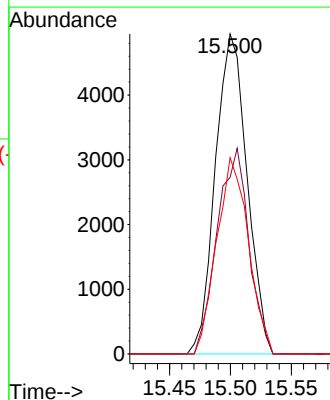
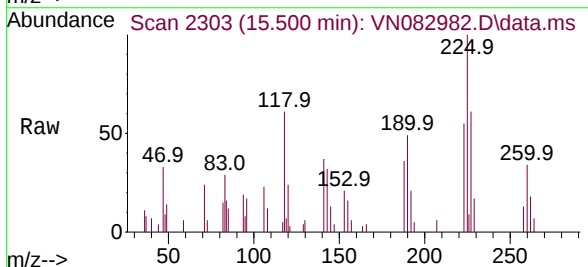
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

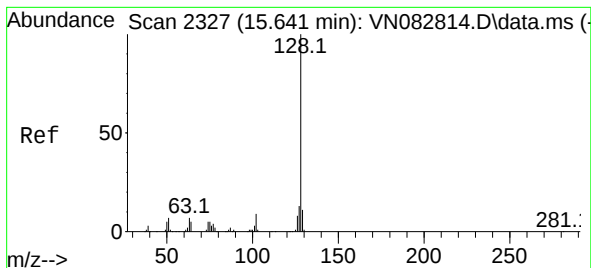
Tgt Ion:180 Resp: 19217
Ion Ratio Lower Upper
180 100
182 92.4 47.3 141.8
145 31.9 15.7 47.1



#94
Hexachlorobutadiene
Concen: 17.925 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082982.D
Acq: 19 Jul 2024 12:23

Tgt Ion:225 Resp: 8965
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.7
227 61.6 32.5 97.5





#95

Naphthalene

Concen: 14.794 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

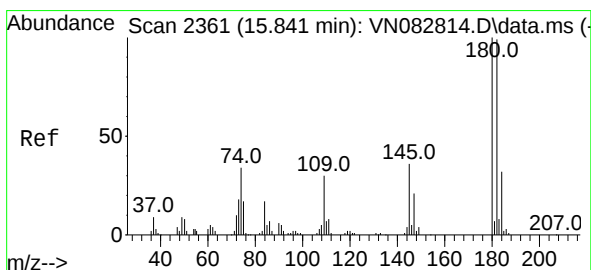
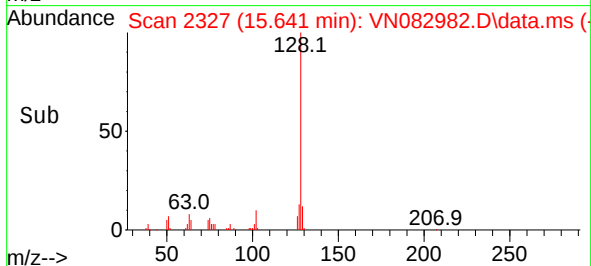
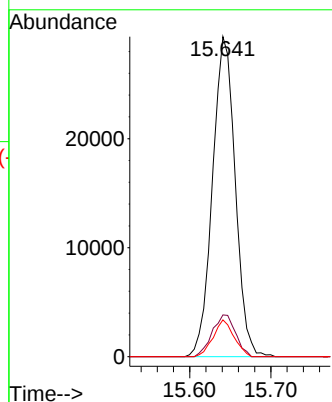
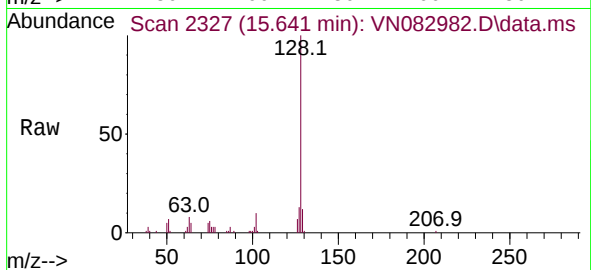
Tgt Ion:128 Resp: 57166

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 16.366 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082982.D

Acq: 19 Jul 2024 12:23

Tgt Ion:180 Resp: 18985

Ion Ratio Lower Upper

180 100

182 98.6 48.9 146.8

145 33.7 16.8 50.4

