

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084145.D
 Acq On : 24 Sep 2024 19:31
 Operator : JC\MD
 Sample : P4116-06MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 25 01:40:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112549	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102996	47.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.540%
35) Dibromofluoromethane	8.165	113	77650	47.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	10.565	98	275955	49.121	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.847	95	104924	45.269	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66421	40.002	ug/l	100
3) Chloromethane	2.359	50	77247	45.387	ug/l	98
4) Vinyl Chloride	2.518	62	78567	43.169	ug/l	99
5) Bromomethane	2.948	94	47797	45.741	ug/l	94
6) Chloroethane	3.118	64	50647	39.672	ug/l	90
7) Trichlorofluoromethane	3.495	101	136937	44.326	ug/l	97
8) Diethyl Ether	3.965	74	49234	47.543	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	82802	50.567	ug/l	98
10) Methyl Iodide	4.589	142	95315	45.769	ug/l	96
11) Tert butyl alcohol	5.518	59	91251	316.087	ug/l	99
12) 1,1-Dichloroethene	4.342	96	72448	46.849	ug/l	94
13) Acrolein	4.177	56	85081	298.697	ug/l	99
14) Allyl chloride	5.024	41	120849	43.857	ug/l	97
15) Acrylonitrile	5.718	53	224299	285.696	ug/l	99
16) Acetone	4.424	43	189648	219.441	ug/l	100
17) Carbon Disulfide	4.712	76	172653	39.912	ug/l	99
18) Methyl Acetate	5.024	43	106262	59.360	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	279766	49.994	ug/l	98
20) Methylene Chloride	5.277	84	88154	49.846	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	77002	46.463	ug/l	94
22) Diisopropyl ether	6.671	45	298922	52.698	ug/l	97
23) Vinyl Acetate	6.600	43	998274	240.320	ug/l	100
24) 1,1-Dichloroethane	6.571	63	163224	49.947	ug/l	100
25) 2-Butanone	7.483	43	304459	268.034	ug/l	99
26) 2,2-Dichloropropane	7.488	77	121529	40.381	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	100796	51.234	ug/l	100
28) Bromochloromethane	7.812	49	73385	53.324	ug/l	94
29) Tetrahydrofuran	7.841	42	198034	294.849	ug/l	96
30) Chloroform	7.965	83	173028	49.873	ug/l	96
31) Cyclohexane	8.259	56	126990	40.757	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	151179	47.390	ug/l	96
36) 1,1-Dichloropropene	8.371	75	112503	45.996	ug/l	99
37) Ethyl Acetate	7.559	43	113464	51.106	ug/l	97
38) Carbon Tetrachloride	8.365	117	130947	47.190	ug/l	98
39) Methylcyclohexane	9.600	83	119334	42.863	ug/l	99
40) Benzene	8.606	78	354952	48.214	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	71078	54.128	ug/l	98
42) 1,2-Dichloroethane	8.671	62	129502	47.076	ug/l	98
43) Isopropyl Acetate	8.688	43	209849	52.159	ug/l	99
44) Trichloroethene	9.353	130	564432	331.077	ug/l	95
45) 1,2-Dichloropropane	9.618	63	91338	51.332	ug/l	98
46) Dibromomethane	9.712	93	63656	51.075	ug/l	99
47) Bromodichloromethane	9.888	83	138959	51.518	ug/l	98
48) Methyl methacrylate	9.677	41	103458	54.200	ug/l	97
49) 1,4-Dioxane	9.694	88	36308	1156.272	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	634618	289.771	ug/l	98
52) Toluene	10.629	92	221843	49.265	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	135409	49.528	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	138300	48.157	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	86639	51.536	ug/l	96
56) Ethyl methacrylate	10.871	69	143991	55.670	ug/l	99
57) 1,3-Dichloropropane	11.165	76	150551	52.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.318	63	865	0.928	ug/l #	46
59) 2-Hexanone	11.194	43	467356	288.483	ug/l	100
60) Dibromochloromethane	11.359	129	102953	54.721	ug/l	99
61) 1,2-Dibromoethane	11.471	107	86091	51.348	ug/l	97
64) Tetrachloroethene	11.100	164	70896	46.230	ug/l	98
65) Chlorobenzene	11.888	112	237671	46.373	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	87052	48.995	ug/l	99
67) Ethyl Benzene	11.965	91	430920	47.330	ug/l	99
68) m/p-Xylenes	12.070	106	324332	95.950	ug/l	99
69) o-Xylene	12.400	106	157305	48.072	ug/l	99
70) Styrene	12.412	104	272615	50.763	ug/l	98
71) Bromoform	12.576	173	65525	54.727	ug/l #	98
73) Isopropylbenzene	12.694	105	406681	46.705	ug/l	100
74) N-amyl acetate	12.494	43	179391	48.287	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	124729	48.752	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	164370	72.377	ug/l	62
77) Bromobenzene	12.982	156	94141	44.915	ug/l	98
78) n-propylbenzene	13.035	91	480414	47.419	ug/l	99
79) 2-Chlorotoluene	13.123	91	296711	45.922	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	346981	47.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	42285	48.766	ug/l	98
82) 4-Chlorotoluene	13.217	91	301599	46.515	ug/l	99
83) tert-Butylbenzene	13.435	119	298068	46.408	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	351767	47.701	ug/l	98
85) sec-Butylbenzene	13.617	105	406099	47.675	ug/l	100
86) p-Isopropyltoluene	13.729	119	338458	47.400	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	180808	45.709	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	174907	43.668	ug/l	99
89) n-Butylbenzene	14.053	91	286935	44.757	ug/l	99
90) Hexachloroethane	14.329	117	65068	45.332	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	174001	45.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25767	50.523	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	82925	40.479	ug/l	98
94) Hexachlorobutadiene	15.500	225	35681	41.013	ug/l	100
95) Naphthalene	15.641	128	270281	43.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	82061	41.914	ug/l	99

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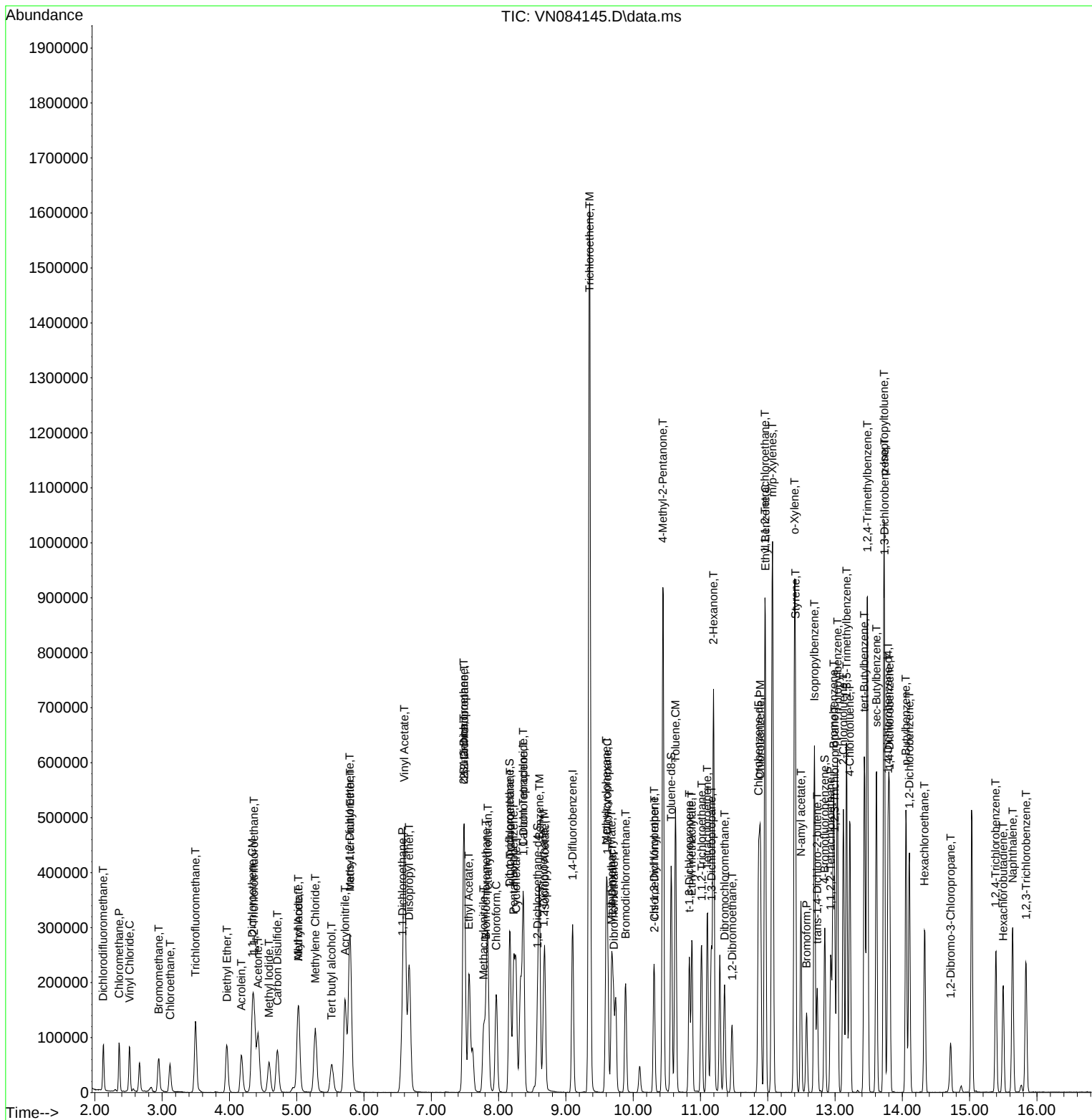
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MSVOA_N
ClientSampleId :

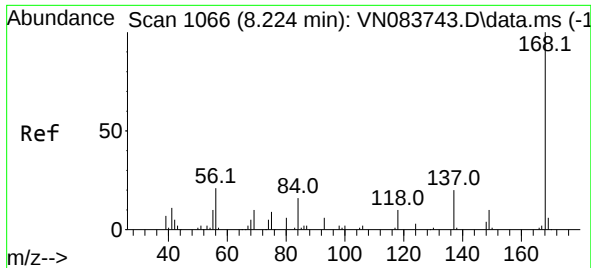
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Response via : Initial Calibration

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

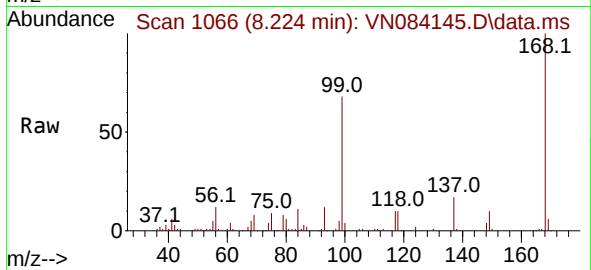
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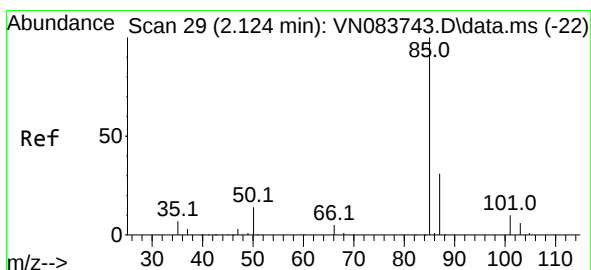
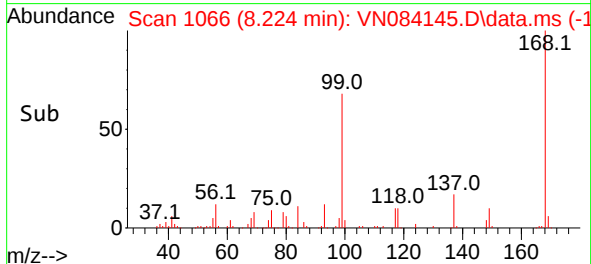
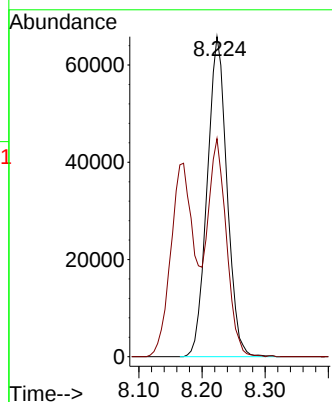


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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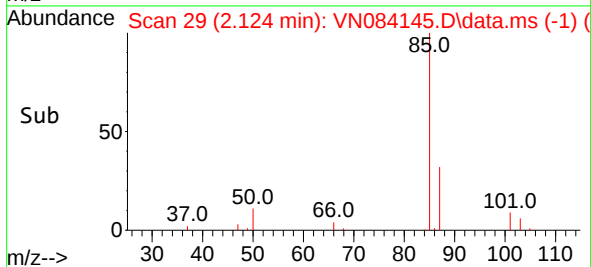
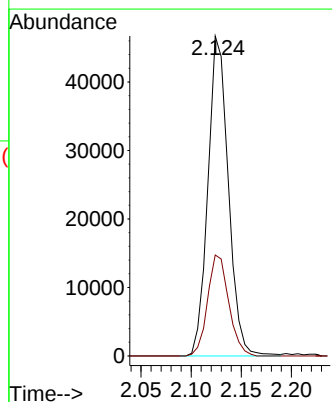
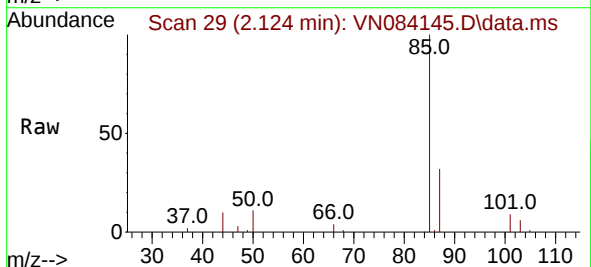


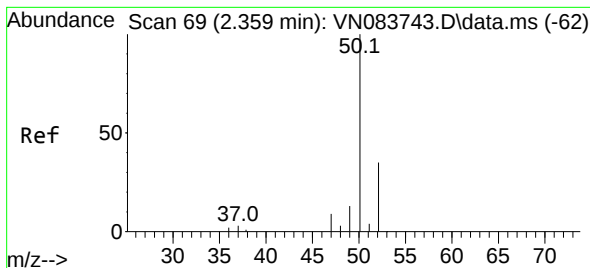
Tgt Ion:168 Resp: 142975
Ion Ratio Lower Upper
168 100
99 68.1 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 40.002 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 85 Resp: 66421
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0





#3

Chloromethane

Concen: 45.387 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

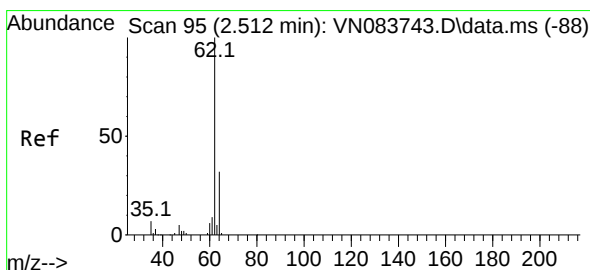
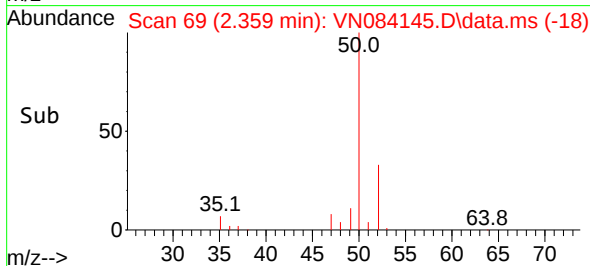
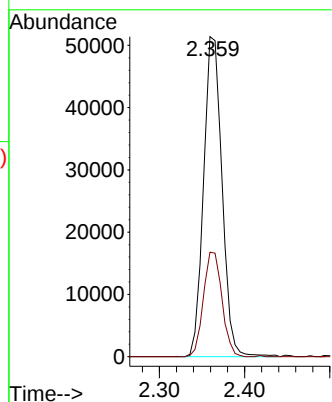
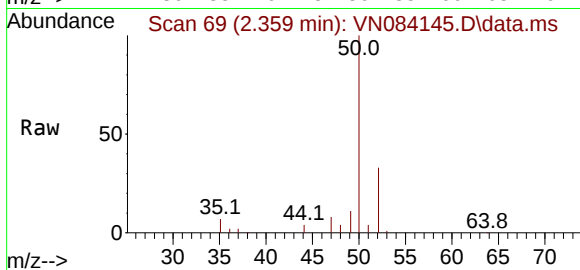
ClientSampleId :

Tgt Ion: 50 Resp: 77247

Ion Ratio Lower Upper

50 100

52 32.7 27.2 40.8



#4

Vinyl Chloride

Concen: 43.169 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN084145.D

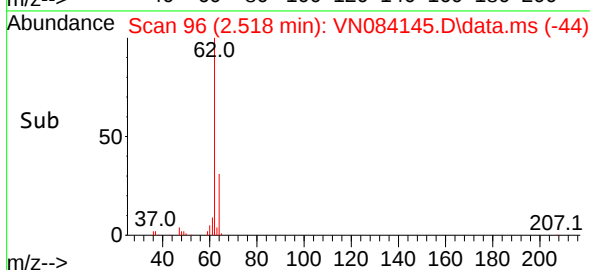
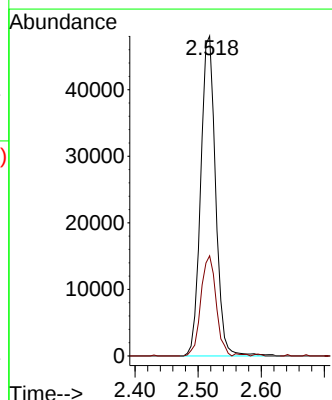
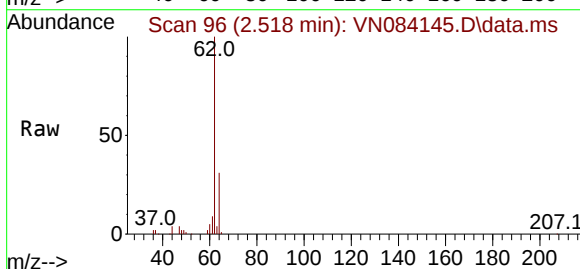
Acq: 24 Sep 2024 19:31

Tgt Ion: 62 Resp: 78567

Ion Ratio Lower Upper

62 100

64 31.3 24.7 37.1

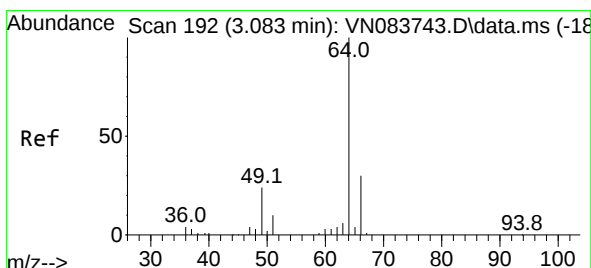
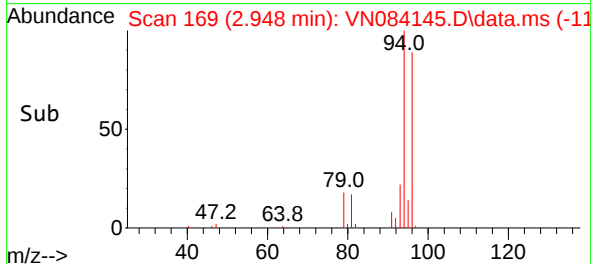
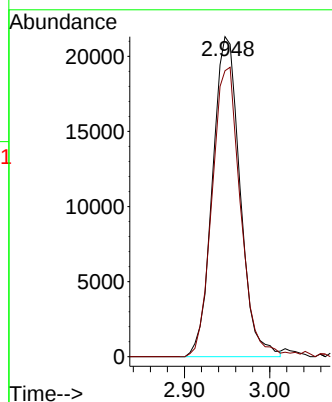
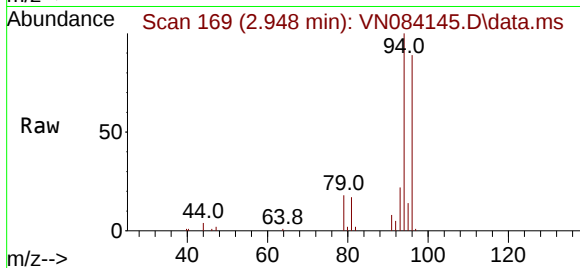




#5
Bromomethane
Concen: 45.741 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

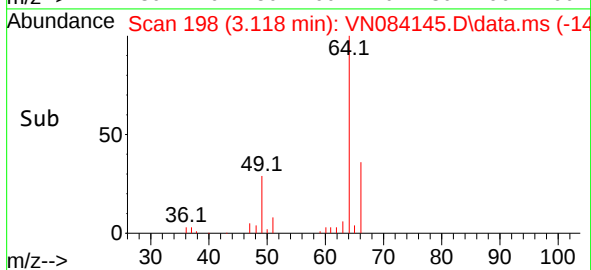
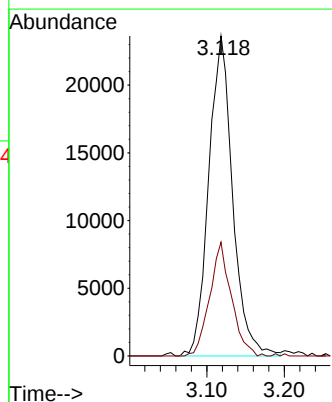
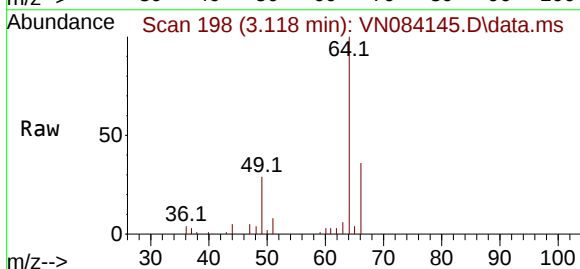
Instrument :
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Tgt Ion: 94 Resp: 47797
Ion Ratio Lower Upper
94 100
96 89.3 76.0 114.0



#6
Chloroethane
Concen: 39.672 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 64 Resp: 50647
Ion Ratio Lower Upper
64 100
66 35.5 23.9 35.9

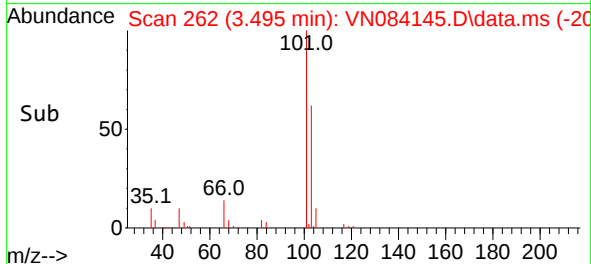
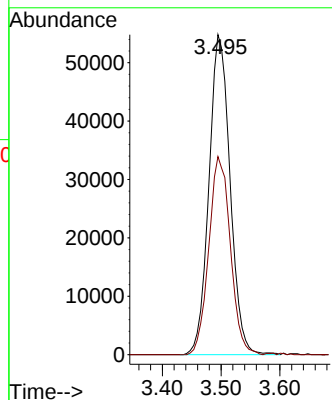
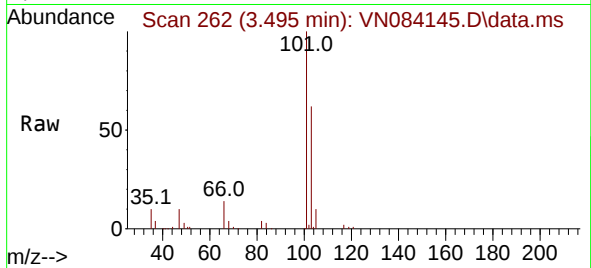




#7
 Trichlorofluoromethane
 Concen: 44.326 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VN084145.D
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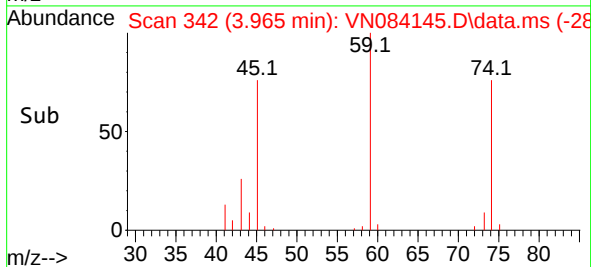
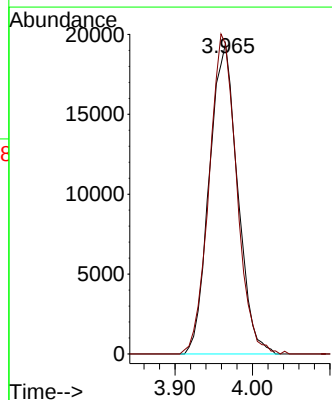
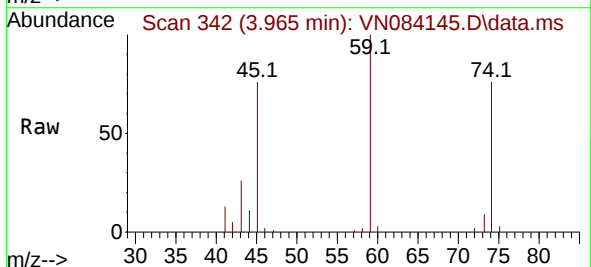
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 136937
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 47.543 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN084145.D
 Acq: 24 Sep 2024 19:31

Tgt Ion: 74 Resp: 49234
 Ion Ratio Lower Upper
 74 100
 45 100.5 46.7 140.1

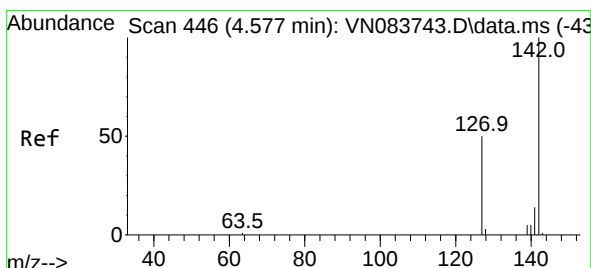
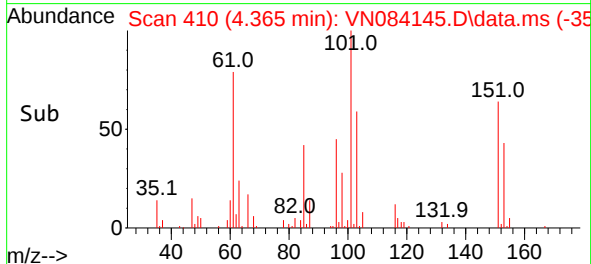
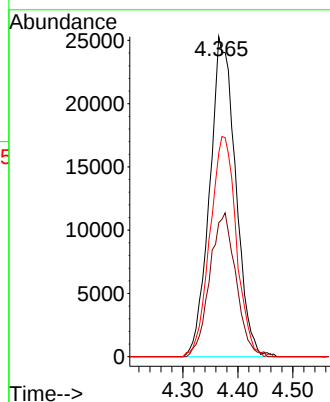
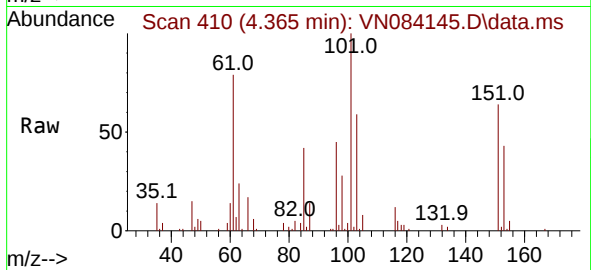




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.567 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084145.D
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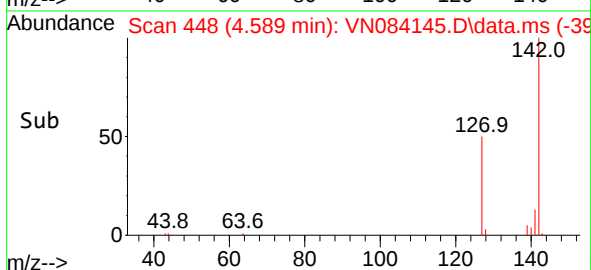
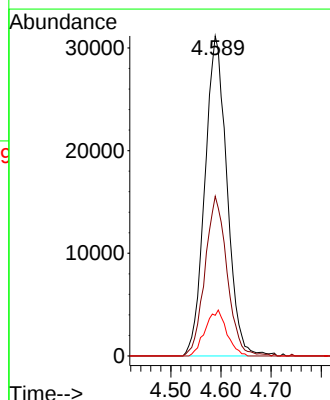
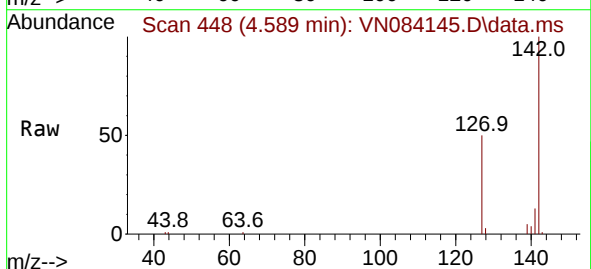
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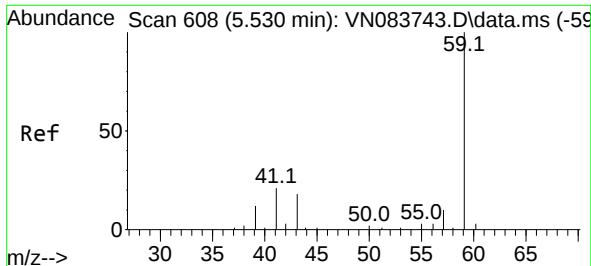
Tgt Ion:101 Resp: 82802
Ion Ratio Lower Upper
101 100
85 45.4 36.2 54.4
151 69.8 57.7 86.5



#10
Methyl Iodide
Concen: 45.769 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion:142 Resp: 95315
Ion Ratio Lower Upper
142 100
127 49.9 37.5 56.3
141 12.7 11.0 16.4





#11

Tert butyl alcohol

Concen: 316.087 ug/l

RT: 5.518 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

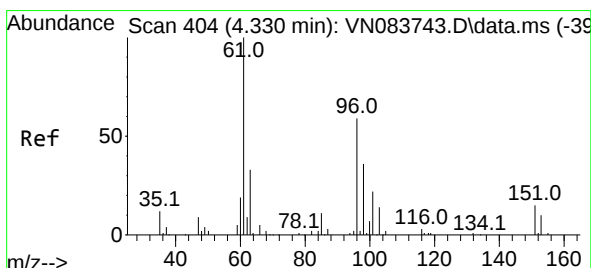
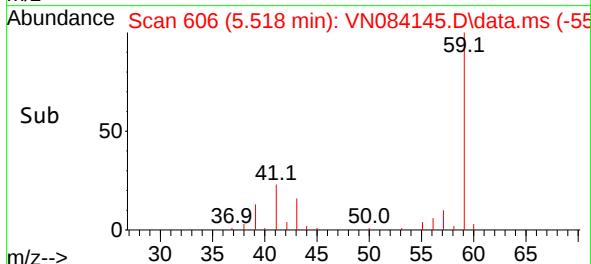
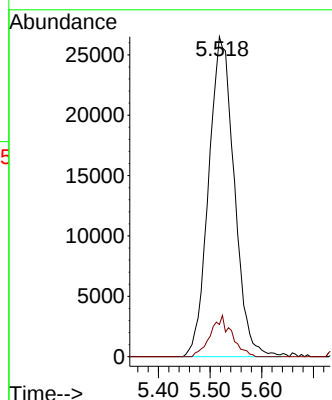
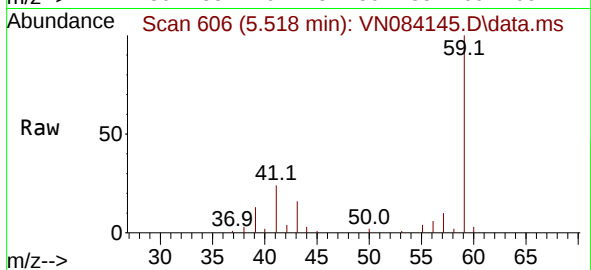
ClientSampleId :

Tgt Ion: 59 Resp: 91251

Ion Ratio Lower Upper

59 100

57 10.7 8.7 13.1



#12

1,1-Dichloroethene

Concen: 46.849 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

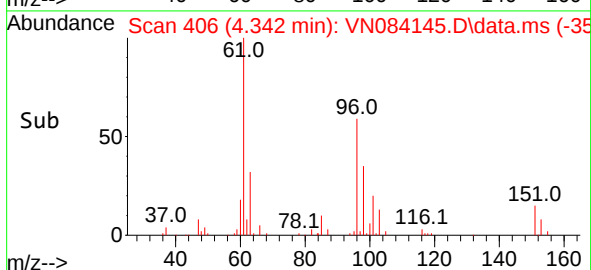
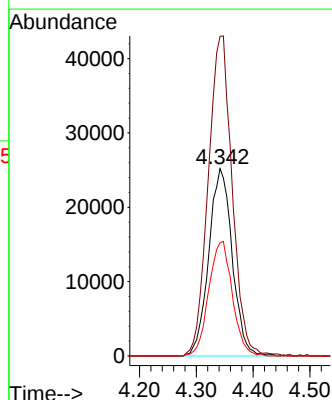
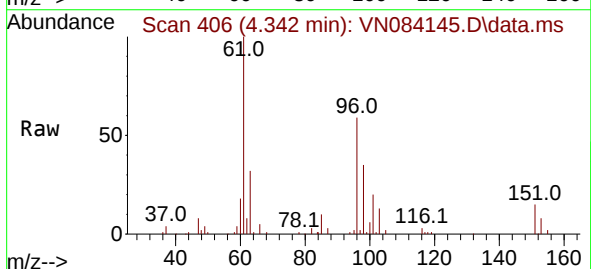
Tgt Ion: 96 Resp: 72448

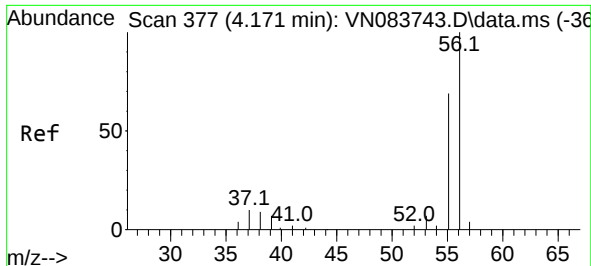
Ion Ratio Lower Upper

96 100

61 170.6 143.4 215.0

98 60.5 52.7 79.1

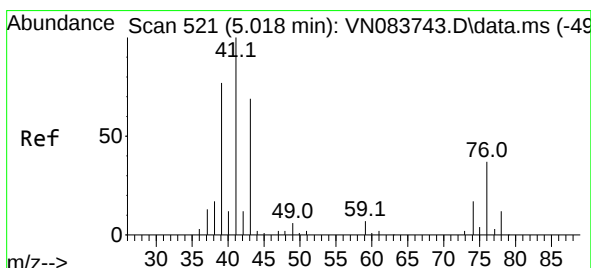
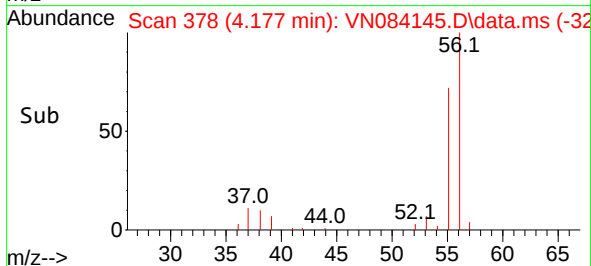
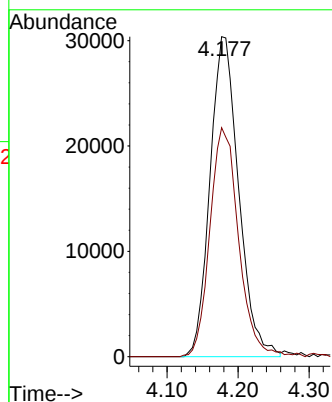
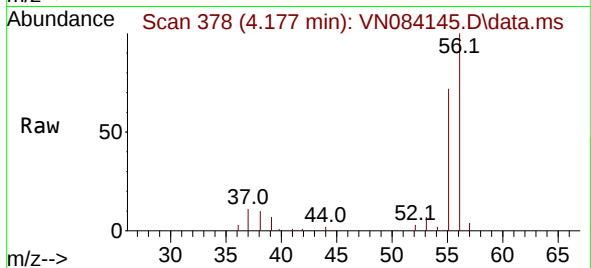




#13
Acrolein
Concen: 298.697 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

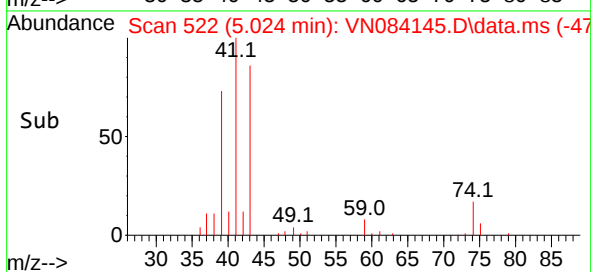
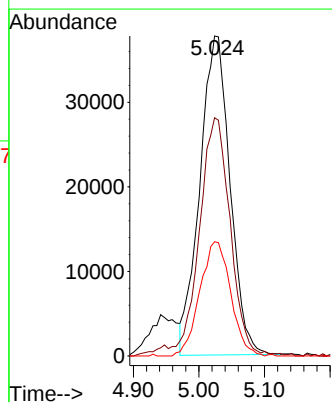
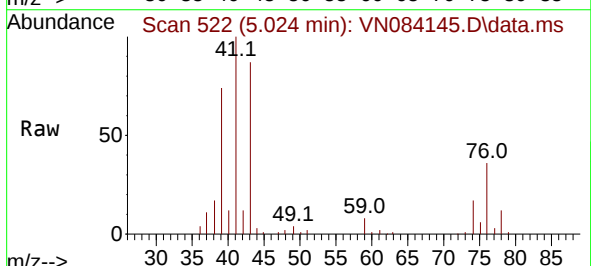
Instrument :
MSVOA_N
ClientSampleId :

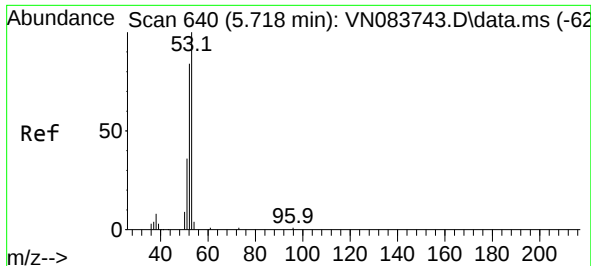
Tgt Ion: 56 Resp: 85081
Ion Ratio Lower Upper
56 100
55 71.6 58.2 87.2



#14
Allyl chloride
Concen: 43.857 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

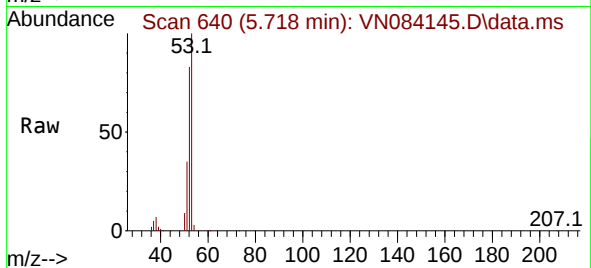
Tgt Ion: 41 Resp: 120849
Ion Ratio Lower Upper
41 100
39 75.9 59.3 88.9
76 36.5 27.7 41.5





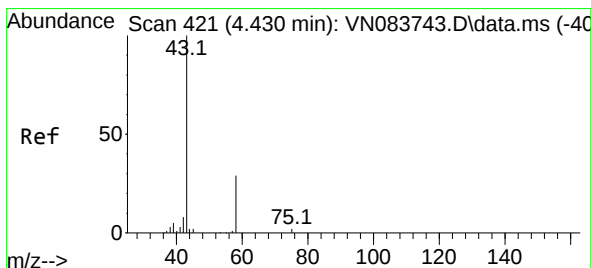
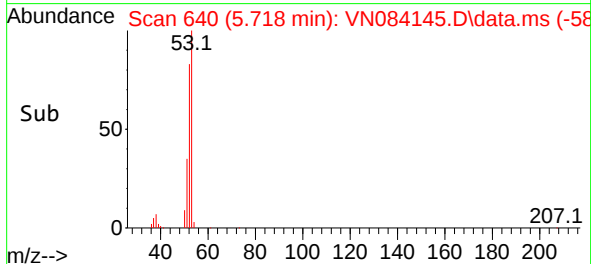
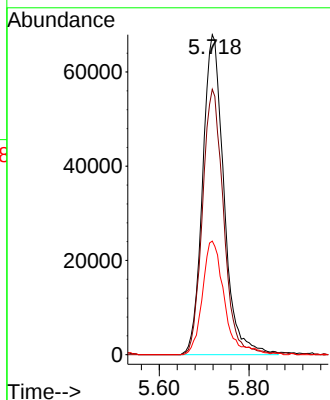
#15
Acrylonitrile
Concen: 285.696 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 224299

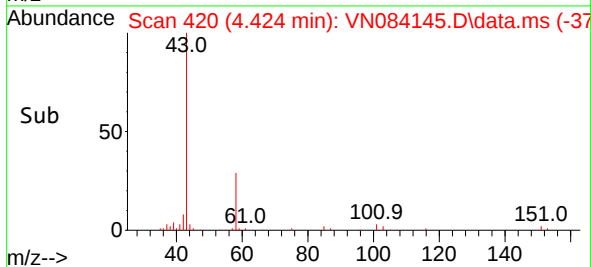
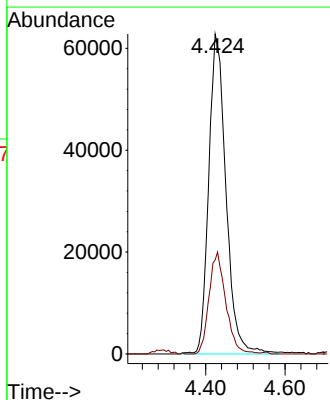
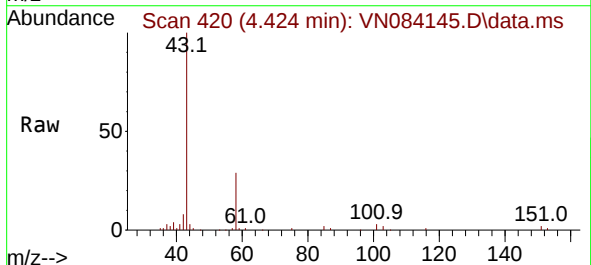
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	36.5	29.6	44.4

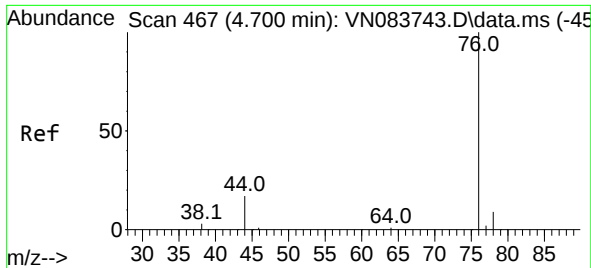


#16
Acetone
Concen: 219.441 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 43 Resp: 189648

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.7	35.5

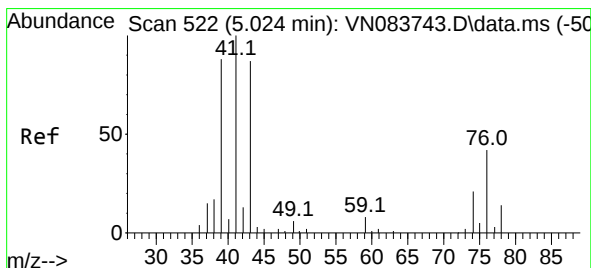
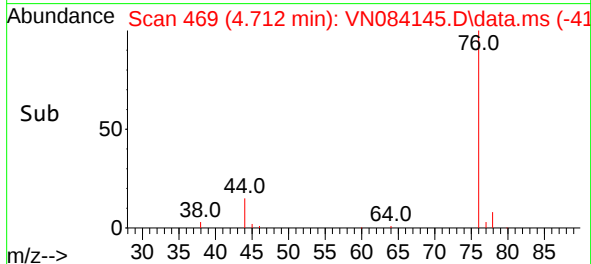
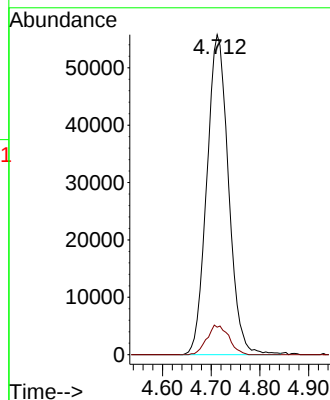
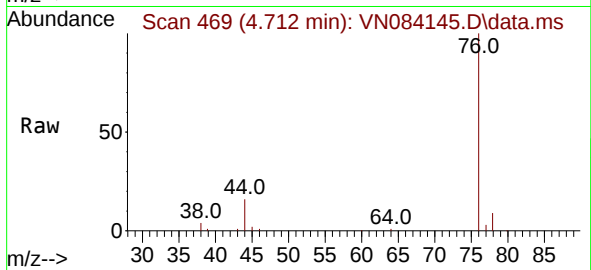




#17
Carbon Disulfide
Concen: 39.912 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

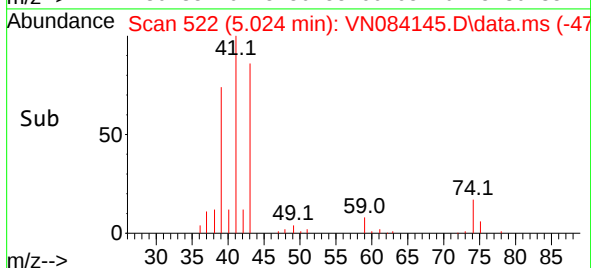
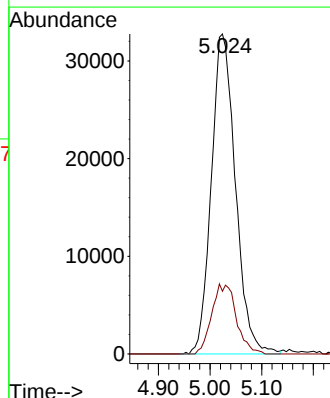
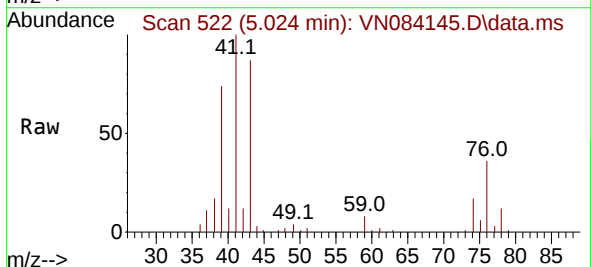
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 172653
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 59.360 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 43 Resp: 106262
Ion Ratio Lower Upper
43 100
74 22.2 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 49.994 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

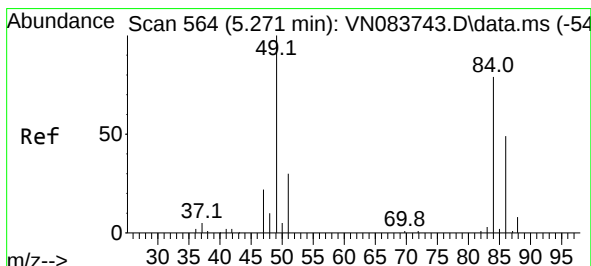
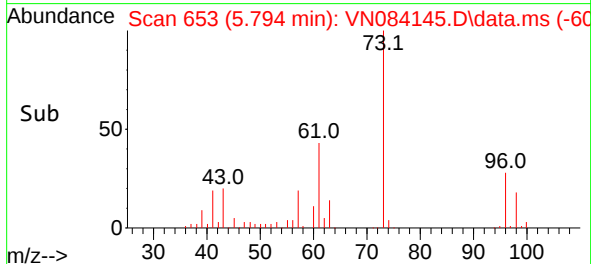
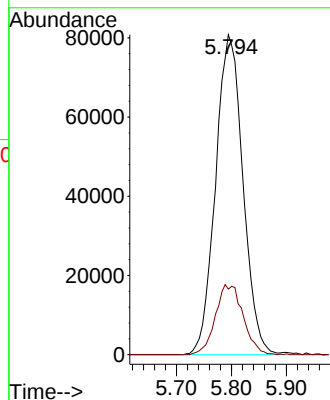
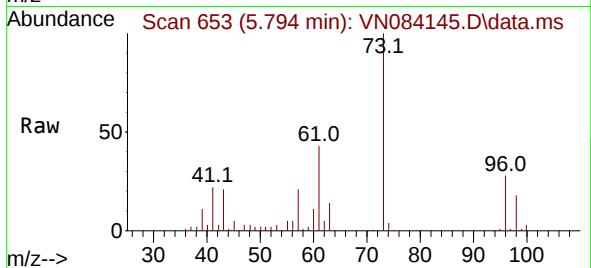
ClientSampleId :

Tgt Ion: 73 Resp: 279766

Ion Ratio Lower Upper

73 100

57 20.5 17.0 25.6



#20

Methylene Chloride

Concen: 49.846 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Tgt Ion: 84 Resp: 88154

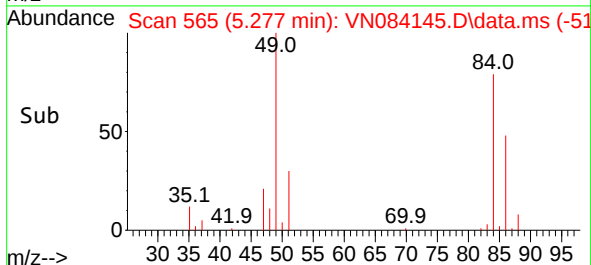
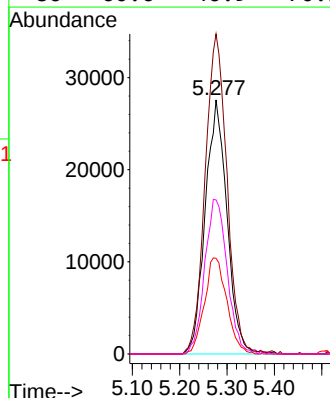
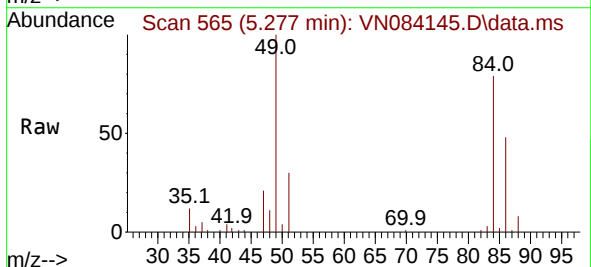
Ion Ratio Lower Upper

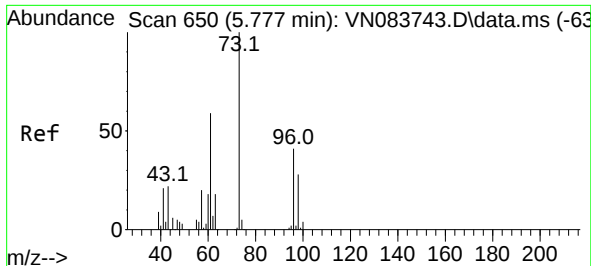
84 100

49 125.9 93.4 140.0

51 37.7 29.2 43.8

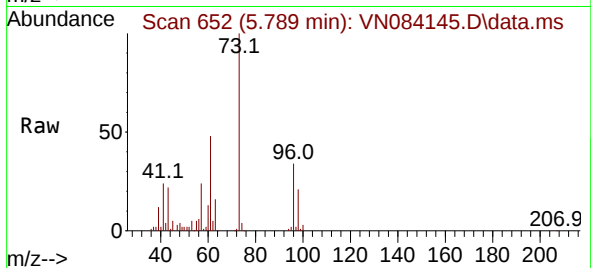
86 60.6 46.9 70.3



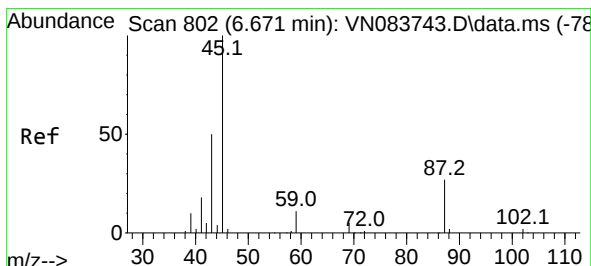
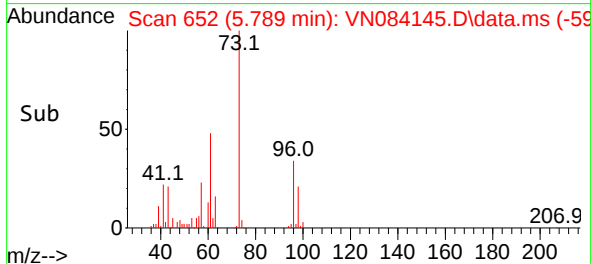
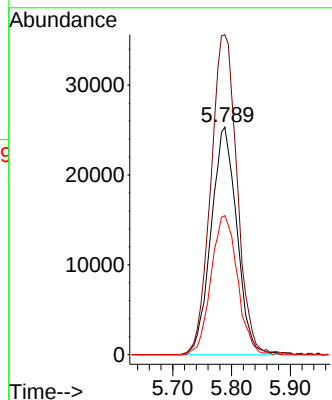


#21
trans-1,2-Dichloroethene
Concen: 46.463 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :

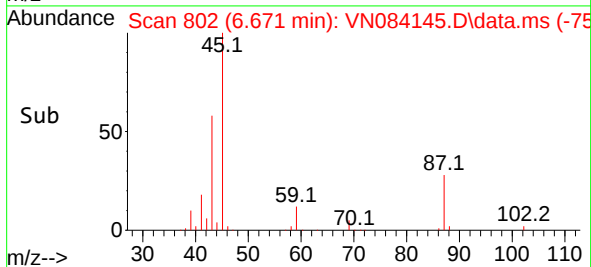
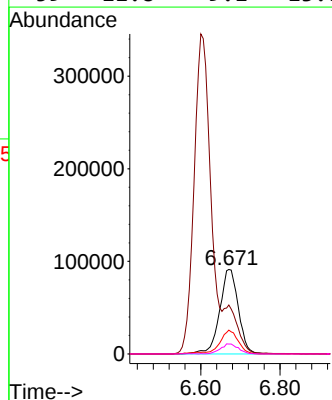
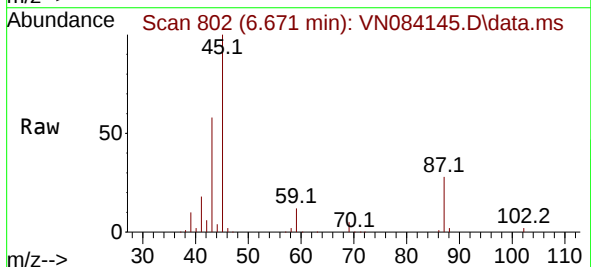


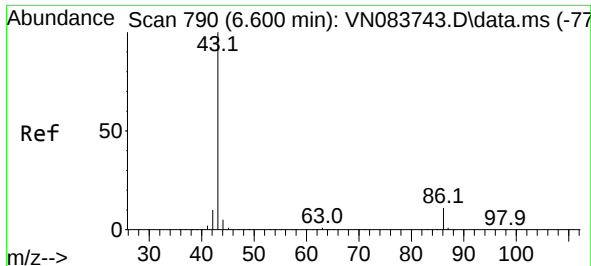
Tgt Ion: 96 Resp: 77002
Ion Ratio Lower Upper
96 100
61 140.7 106.0 159.0
98 61.1 52.2 78.2



#22
Diisopropyl ether
Concen: 52.698 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 45 Resp: 298922
Ion Ratio Lower Upper
45 100
43 57.5 43.4 65.0
87 28.2 22.6 33.8
59 11.8 9.1 13.7

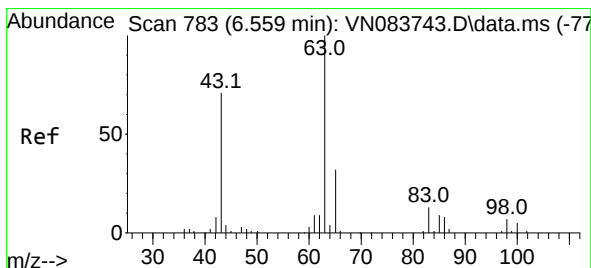
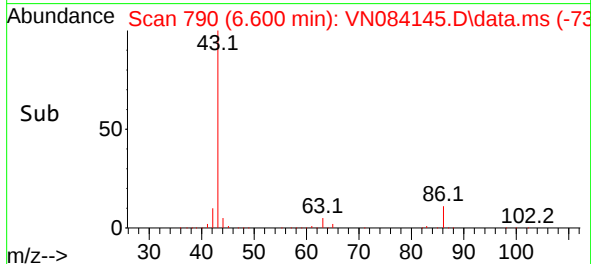
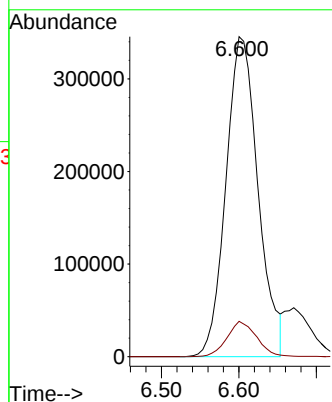
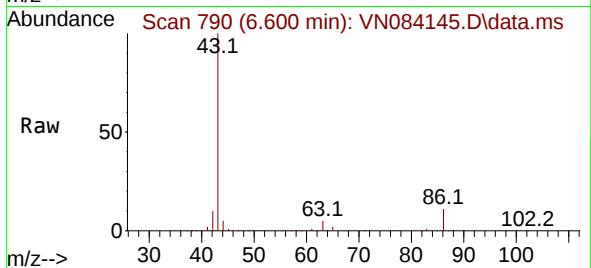




#23
 Vinyl Acetate
 Concen: 240.320 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084145.D
 Acq: 24 Sep 2024 19:31

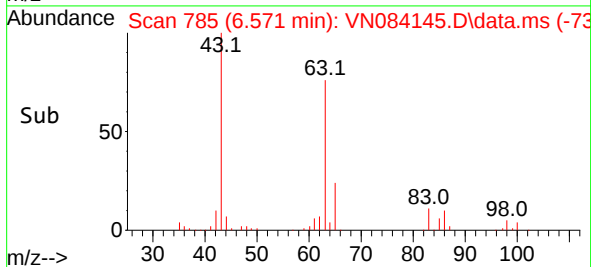
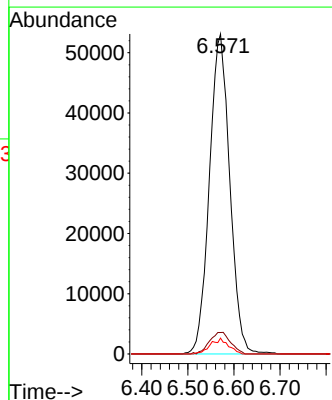
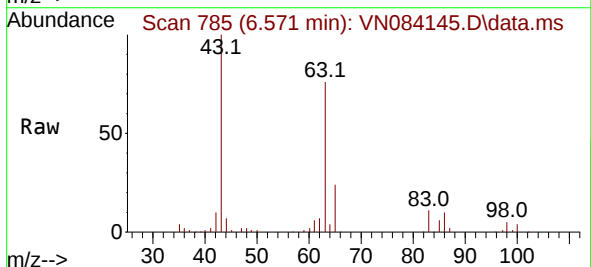
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 998274
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 49.947 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN084145.D
 Acq: 24 Sep 2024 19:31

Tgt Ion: 63 Resp: 163224
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 5.0 2.5 7.5

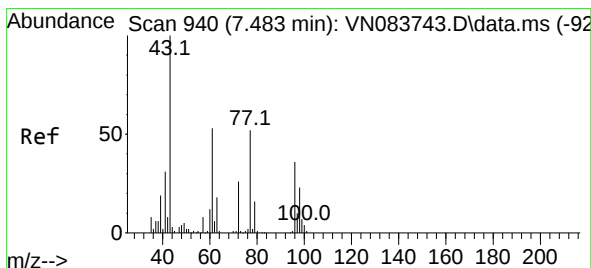
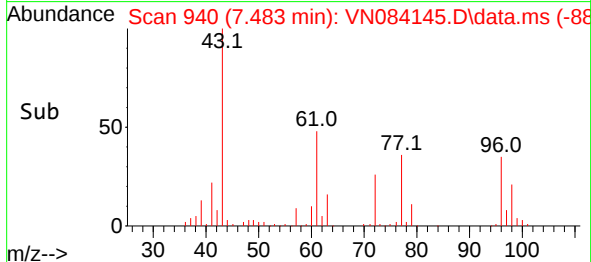
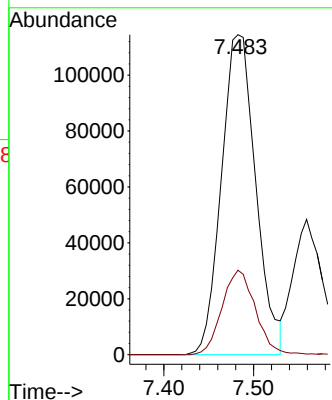
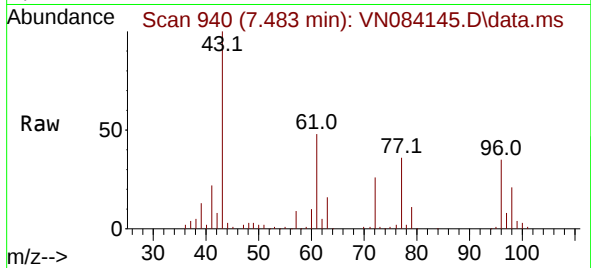




#25
2-Butanone
Concen: 268.034 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

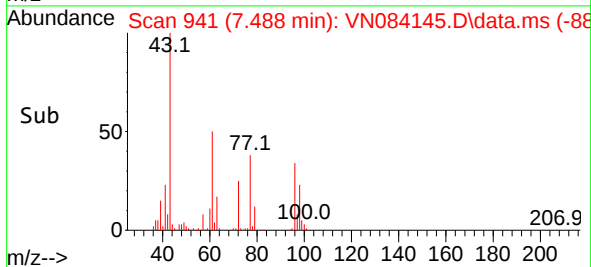
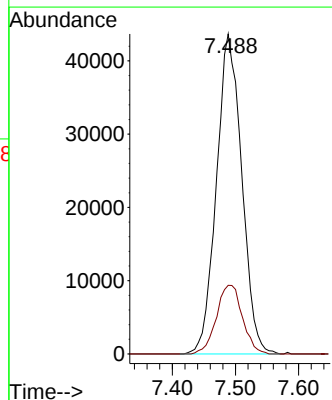
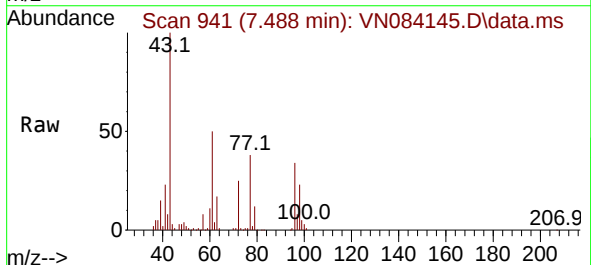
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 304459
Ion Ratio Lower Upper
43 100
72 26.4 20.8 31.2



#26
2,2-Dichloropropane
Concen: 40.381 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 77 Resp: 121529
Ion Ratio Lower Upper
77 100
97 22.1 10.2 30.4

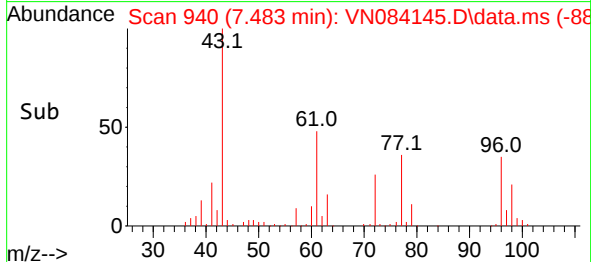
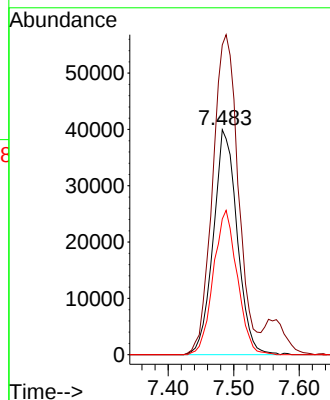
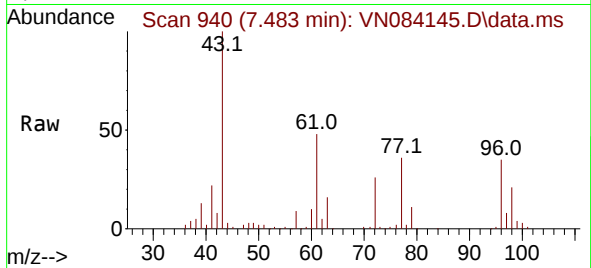




#27
 cis-1,2-Dichloroethene
 Concen: 51.234 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN084145.D
 Acq: 24 Sep 2024 19:31

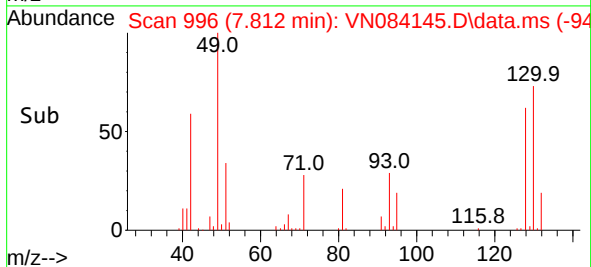
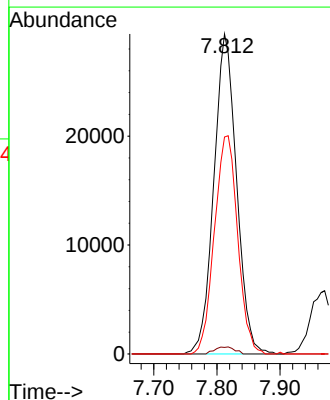
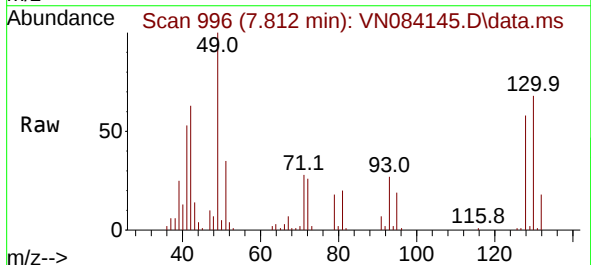
Instrument :
 MSVOA_N
 ClientSampleId :

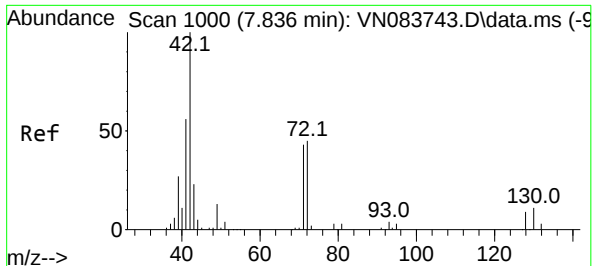
Tgt Ion: 96 Resp: 100796
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 306.2
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 53.324 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084145.D
 Acq: 24 Sep 2024 19:31

Tgt Ion: 49 Resp: 73385
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 69.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 294.849 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

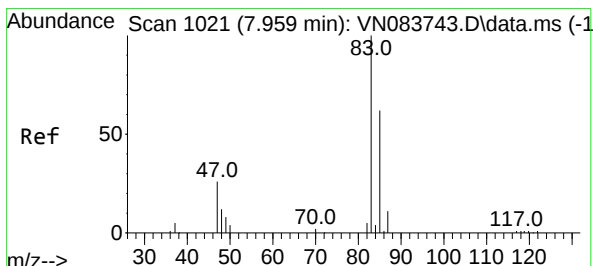
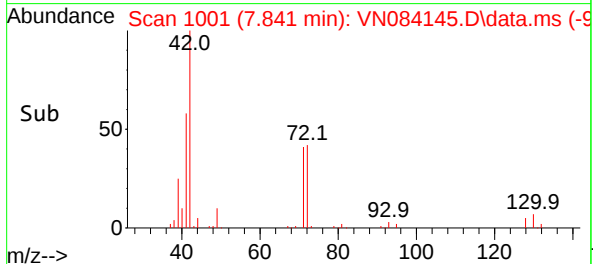
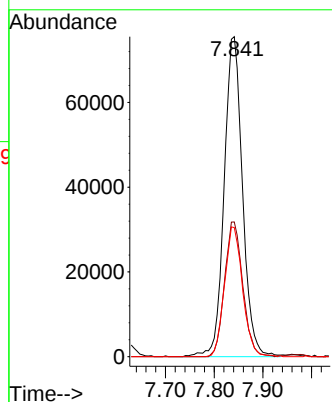
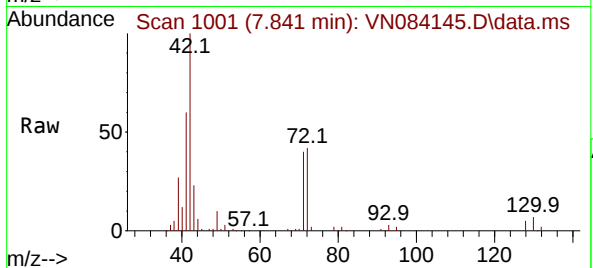
Tgt Ion: 42 Resp: 198034

Ion Ratio Lower Upper

42 100

72 41.8 35.9 53.9

71 40.1 33.9 50.9



#30

Chloroform

Concen: 49.873 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN084145.D

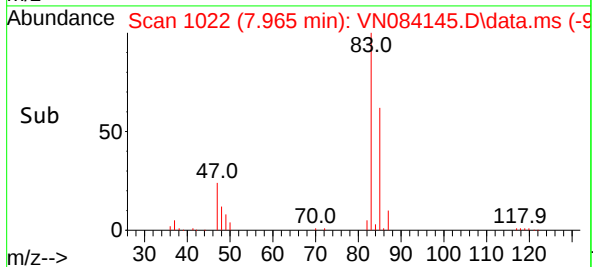
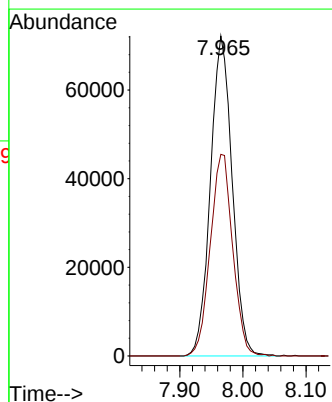
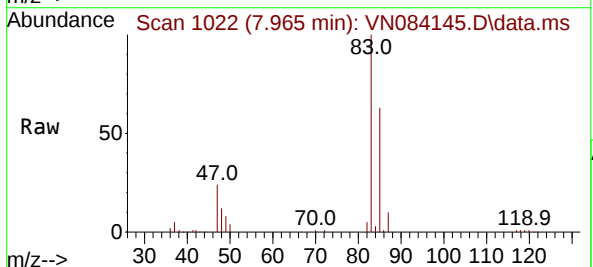
Acq: 24 Sep 2024 19:31

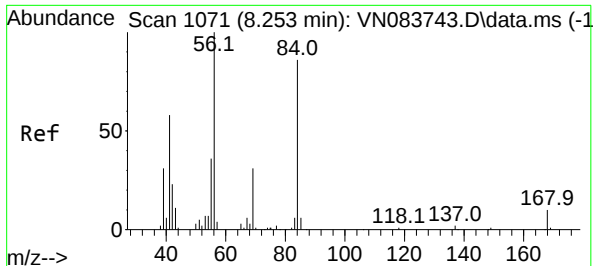
Tgt Ion: 83 Resp: 173028

Ion Ratio Lower Upper

83 100

85 63.0 52.8 79.2





#31

Cyclohexane

Concen: 40.757 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

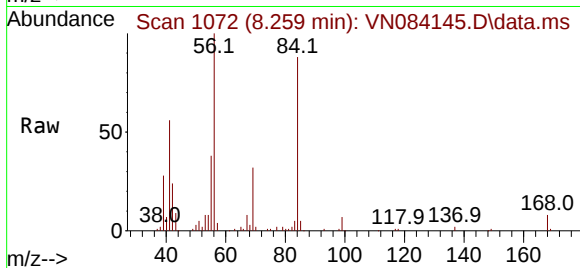
Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :



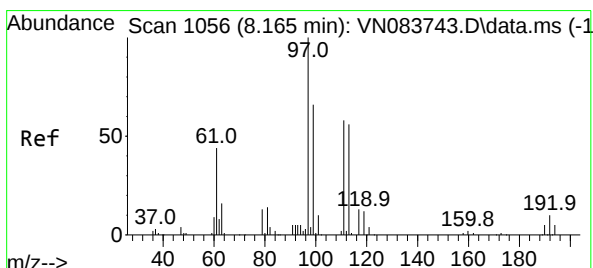
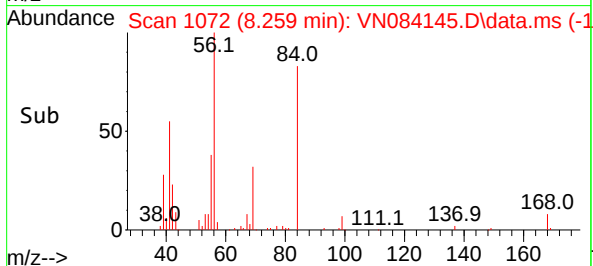
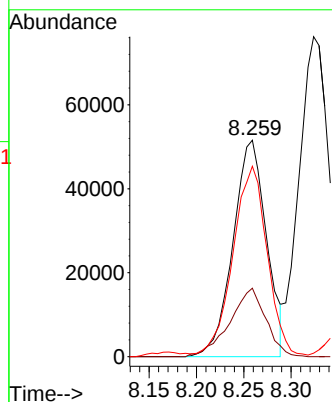
Tgt Ion: 56 Resp: 126990

Ion Ratio Lower Upper

56 100

69 31.6 26.9 40.3

84 86.6 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 47.390 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

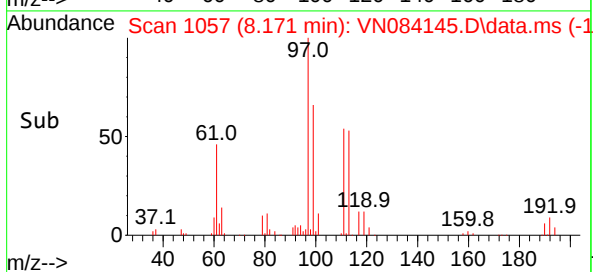
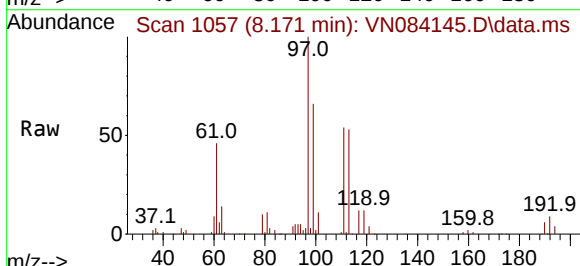
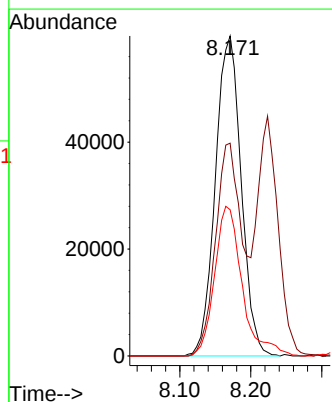
Tgt Ion: 97 Resp: 151179

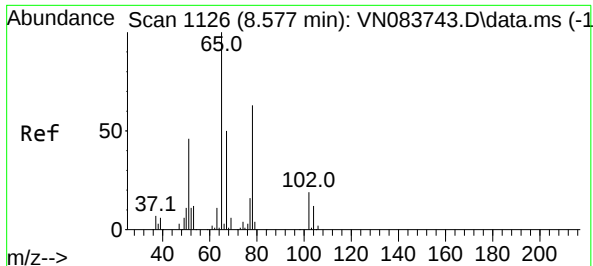
Ion Ratio Lower Upper

97 100

99 69.0 52.3 78.5

61 49.8 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 47.775 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

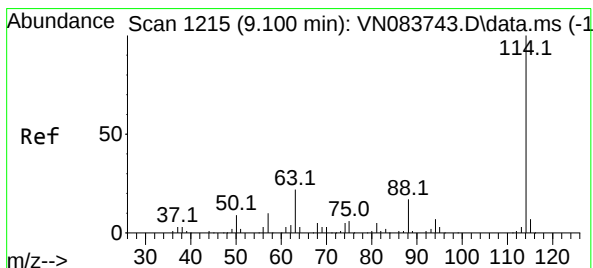
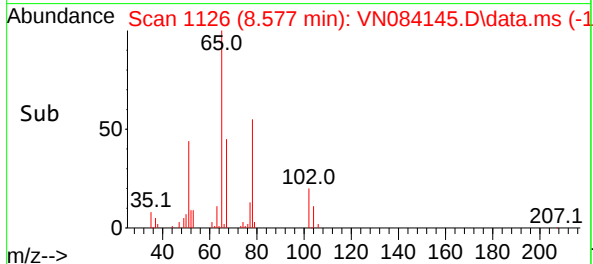
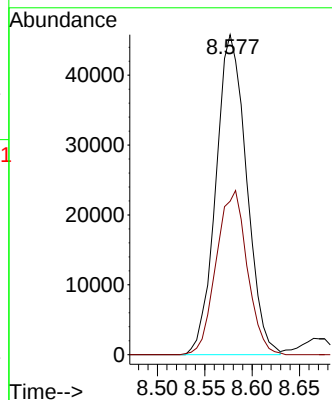
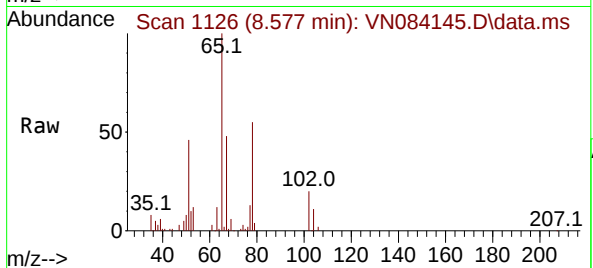
ClientSampleId :

Tgt Ion: 65 Resp: 102996

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

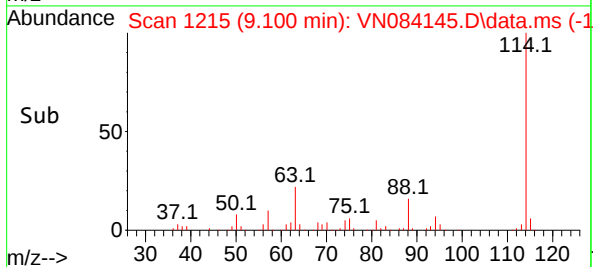
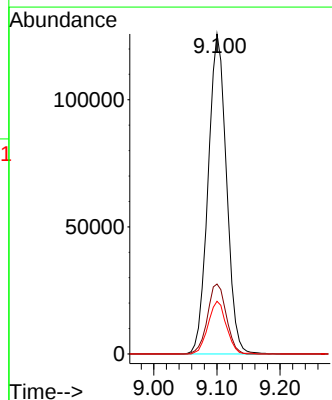
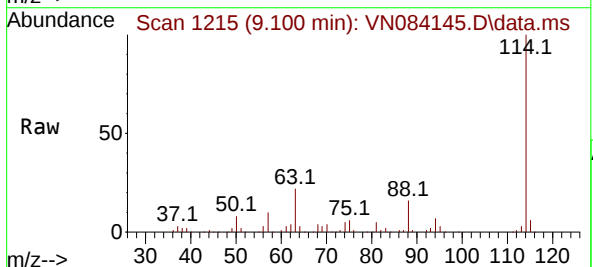
Tgt Ion: 114 Resp: 253840

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.783 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

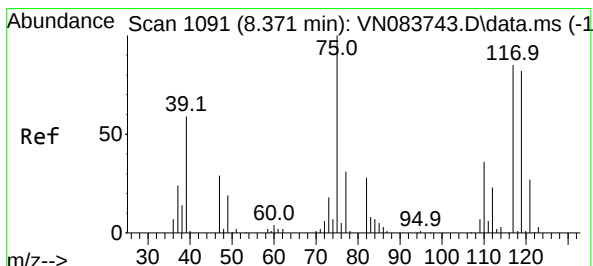
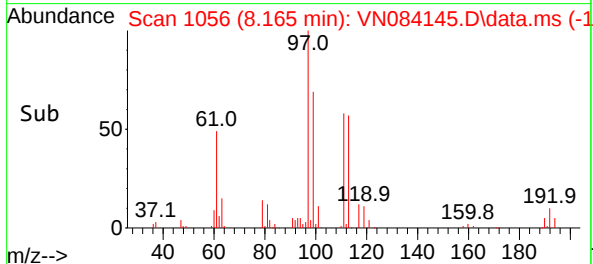
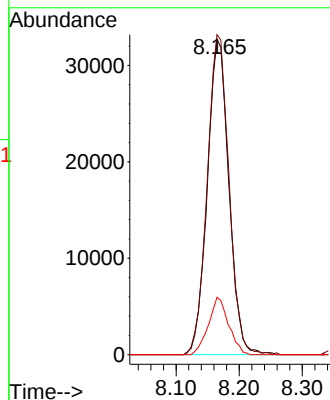
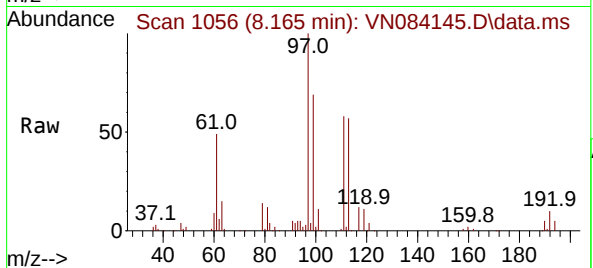
Tgt Ion:113 Resp: 77650

Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 17.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 45.996 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

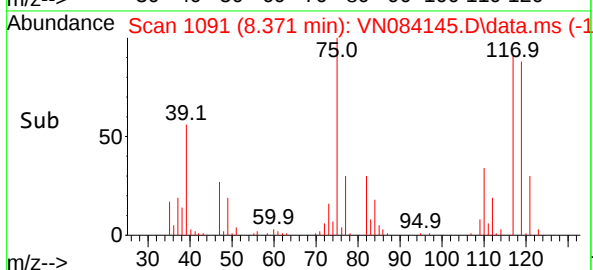
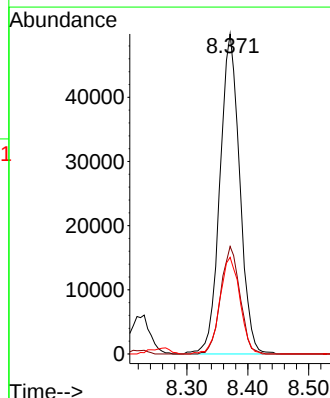
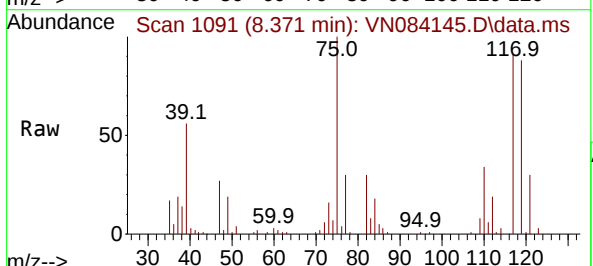
Tgt Ion: 75 Resp: 112503

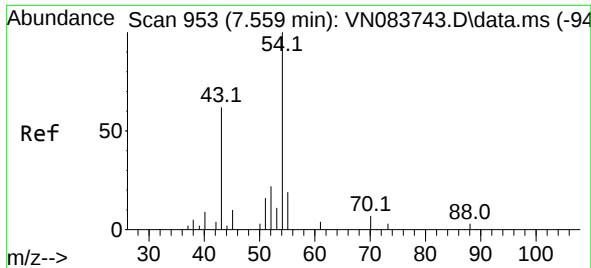
Ion Ratio Lower Upper

75 100

110 32.7 16.7 50.1

77 30.8 25.2 37.8

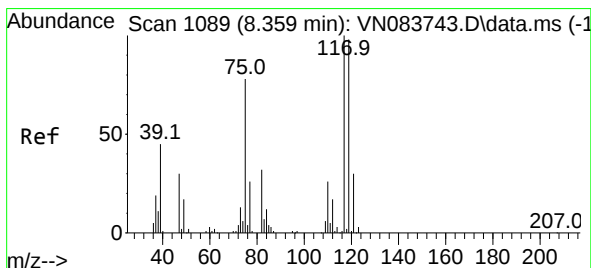
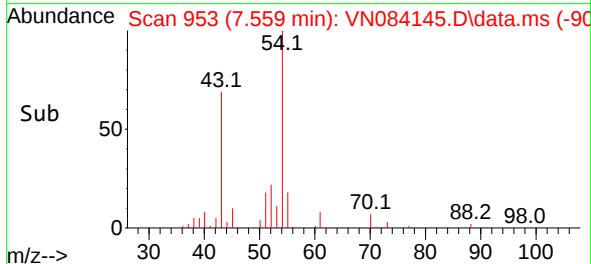
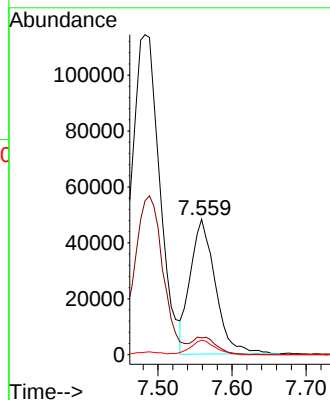
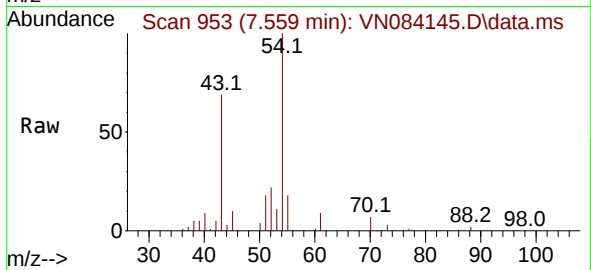




#37
Ethyl Acetate
Concen: 51.106 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

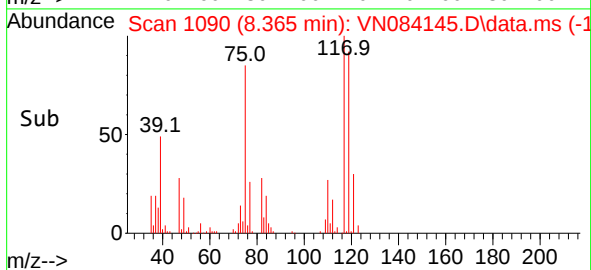
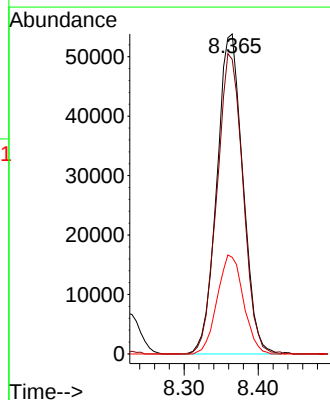
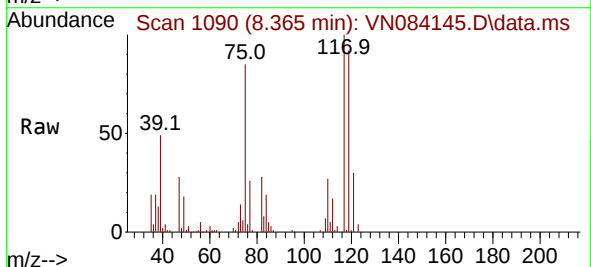
Instrument :
MSVOA_N
ClientSampleId :

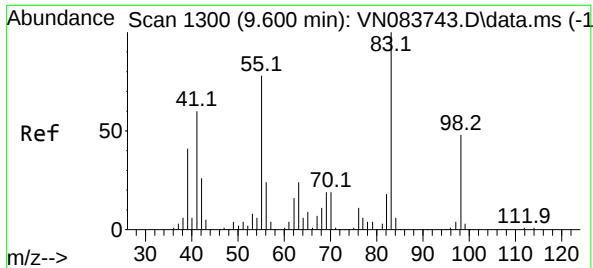
Tgt Ion: 43 Resp: 113464
Ion Ratio Lower Upper
43 100
61 12.2 11.1 16.7
70 10.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 47.190 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 117 Resp: 130947
Ion Ratio Lower Upper
117 100
119 92.0 76.1 114.1
121 30.2 24.1 36.1





#39

Methylcyclohexane

Concen: 42.863 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

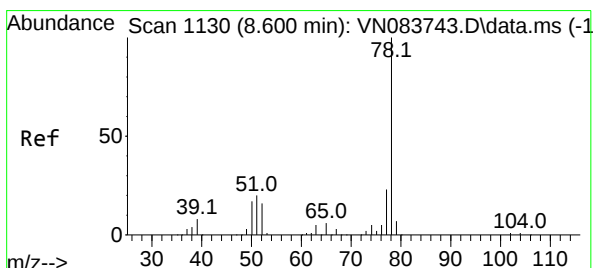
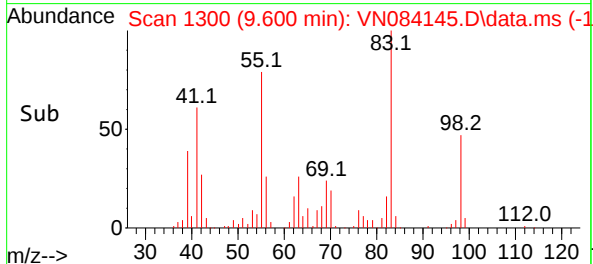
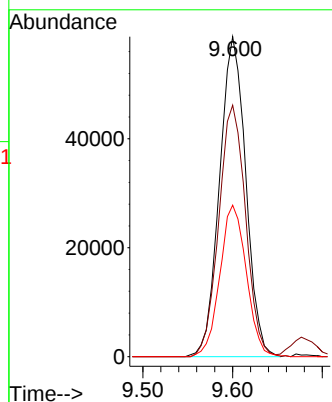
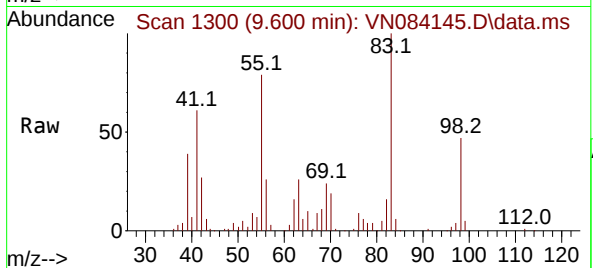
Tgt Ion: 83 Resp: 119334

Ion Ratio Lower Upper

83 100

55 78.6 62.2 93.4

98 47.4 37.6 56.4



#40

Benzene

Concen: 48.214 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084145.D

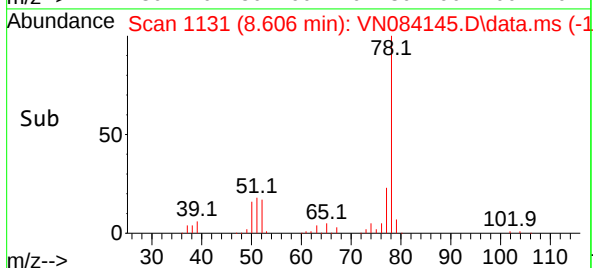
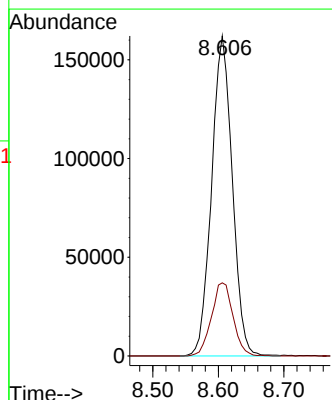
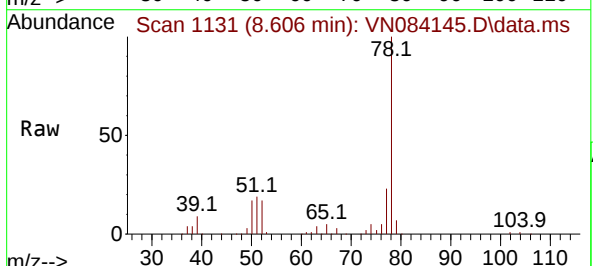
Acq: 24 Sep 2024 19:31

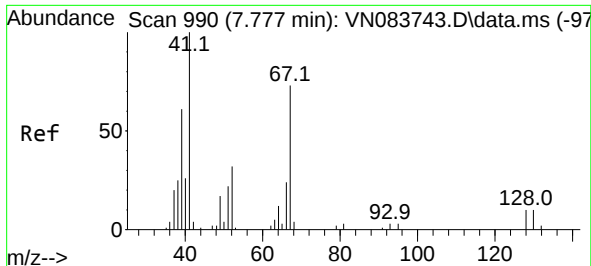
Tgt Ion: 78 Resp: 354952

Ion Ratio Lower Upper

78 100

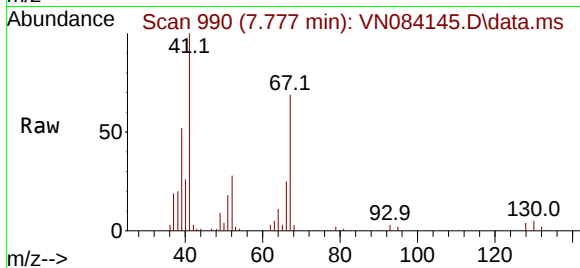
77 22.8 19.0 28.6



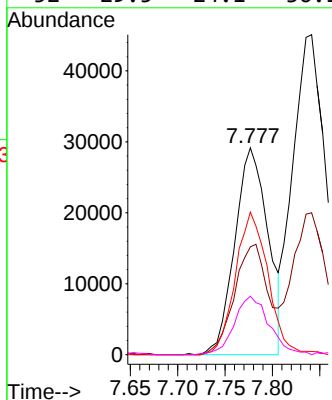
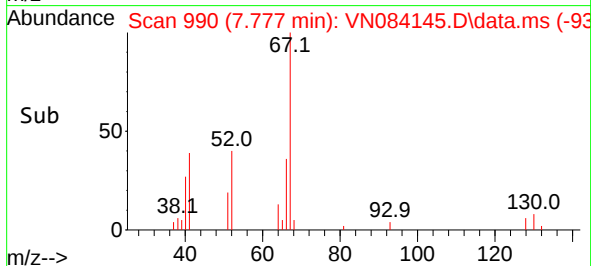


#41
Methacrylonitrile
Concen: 54.128 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :

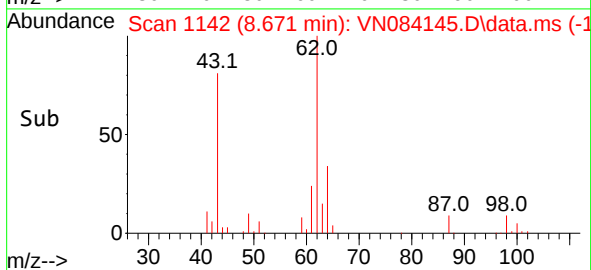
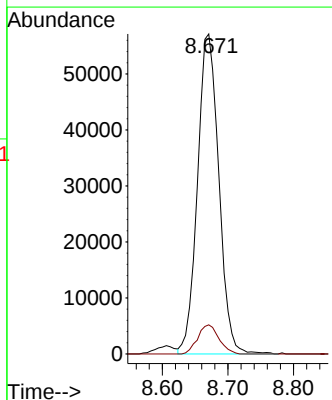
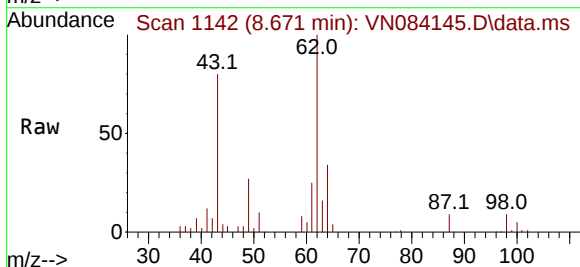


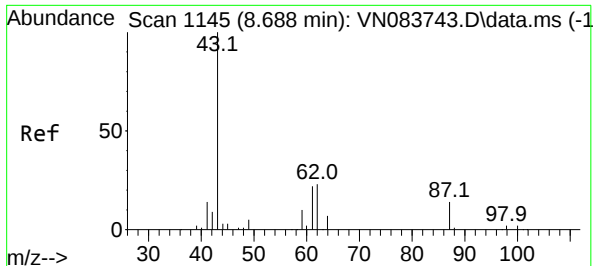
Tgt Ion:	41	Resp:	71078
Ion	Ratio	Lower	Upper
41	100		
39	54.5	45.4	68.2
67	68.1	55.9	83.9
52	29.5	24.1	36.1



#42
1,2-Dichloroethane
Concen: 47.076 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion:	62	Resp:	129502
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6

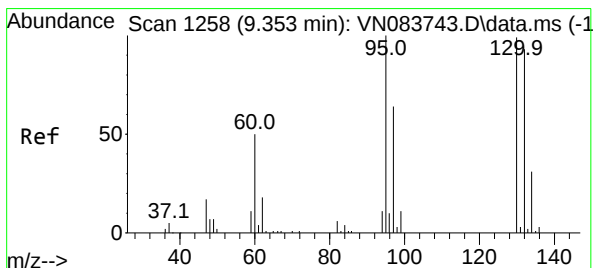
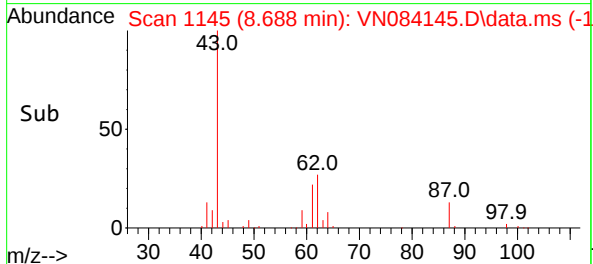
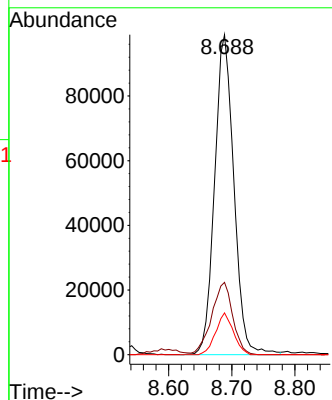
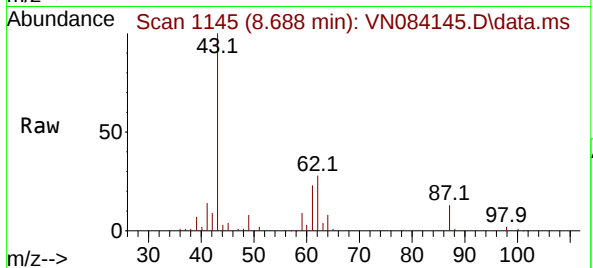




#43
Isopropyl Acetate
Concen: 52.159 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

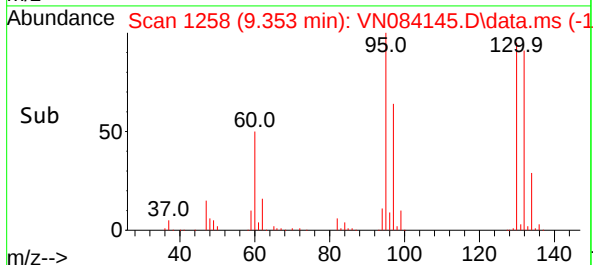
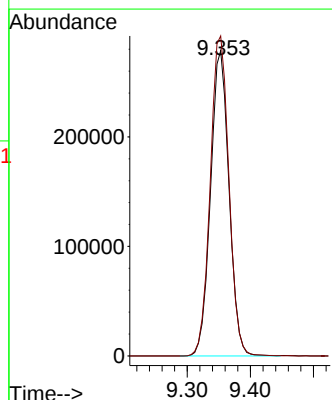
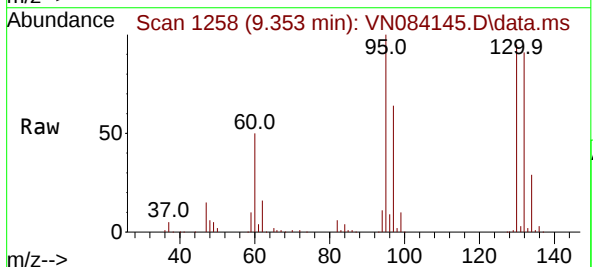
Instrument :
MSVOA_N
ClientSampleId :

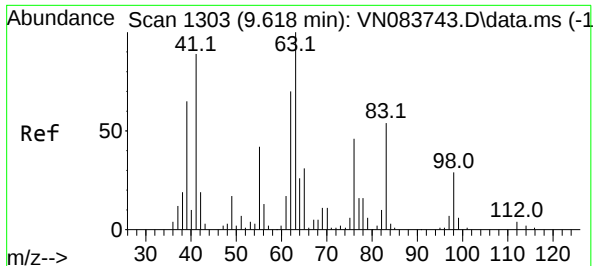
Tgt Ion: 43 Resp: 209849
Ion Ratio Lower Upper
43 100
61 24.7 19.4 29.0
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 331.077 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion:130 Resp: 564432
Ion Ratio Lower Upper
130 100
95 104.8 0.0 200.4





#45

1,2-Dichloropropane

Concen: 51.332 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

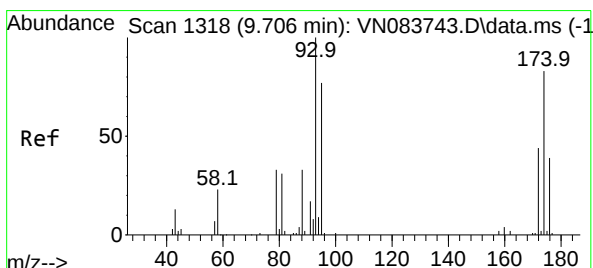
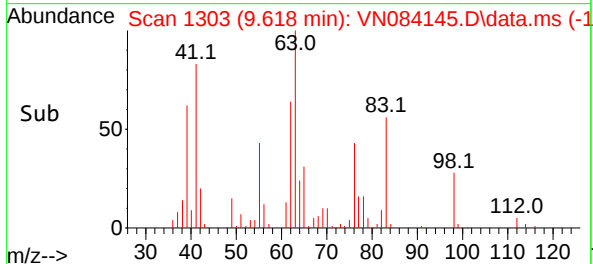
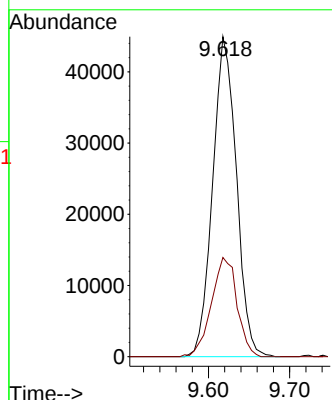
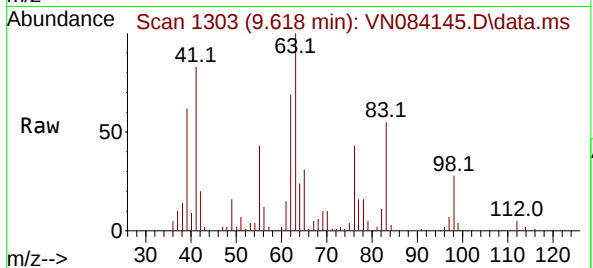
ClientSampleId :

Tgt Ion: 63 Resp: 91338

Ion Ratio Lower Upper

63 100

65 31.0 25.9 38.9



#46

Dibromomethane

Concen: 51.075 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

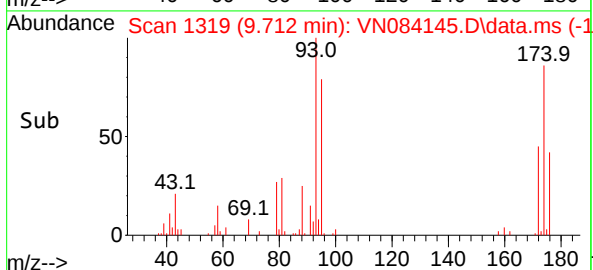
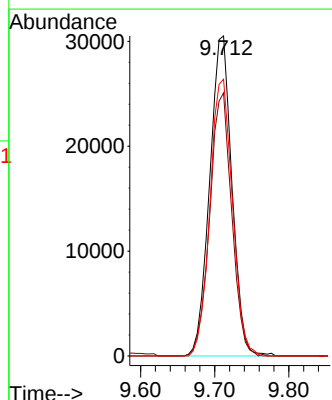
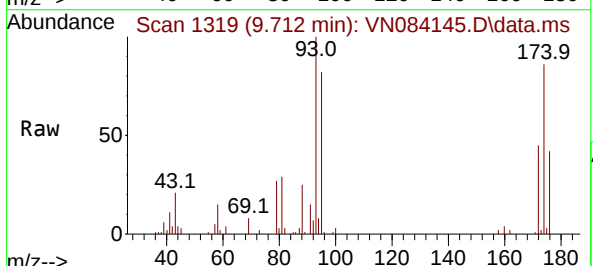
Tgt Ion: 93 Resp: 63656

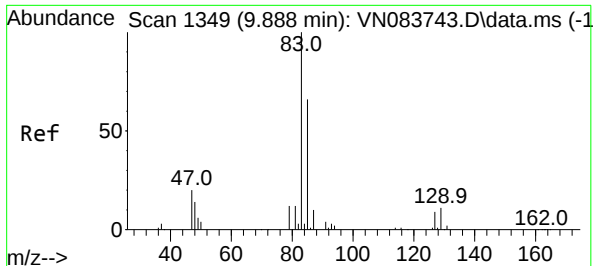
Ion Ratio Lower Upper

93 100

95 81.0 65.3 97.9

174 87.2 71.0 106.4

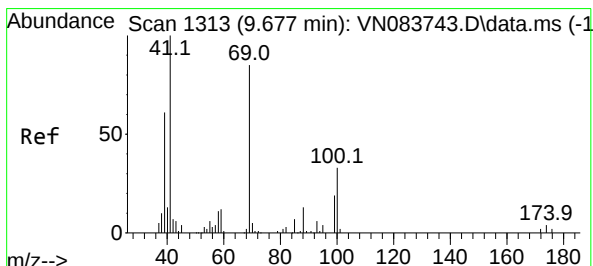
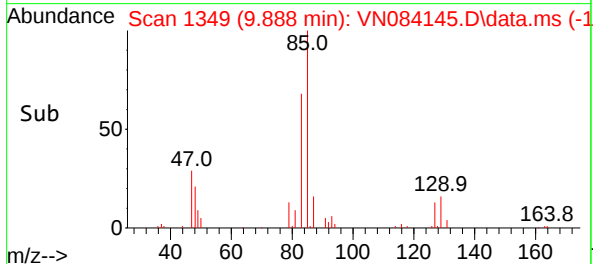
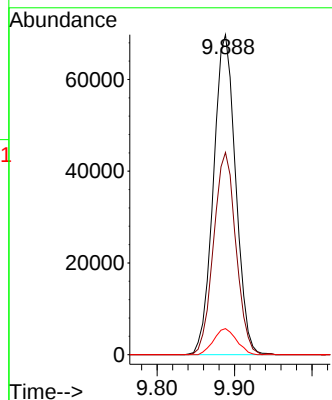
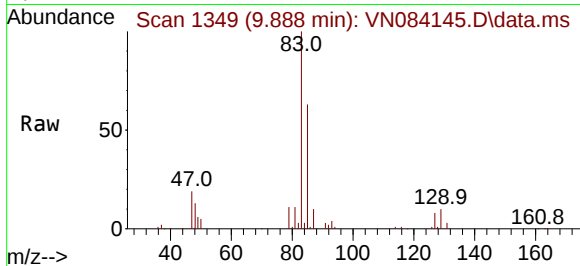




#47
Bromodichloromethane
Concen: 51.518 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

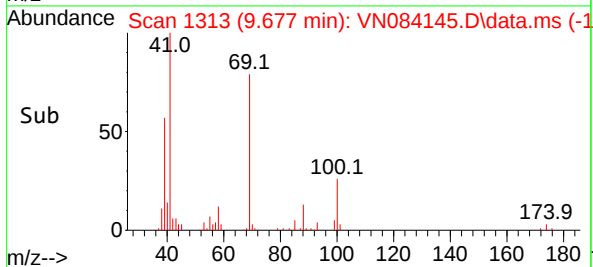
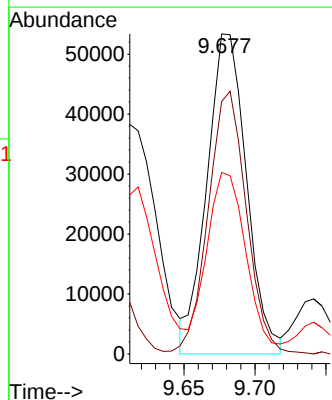
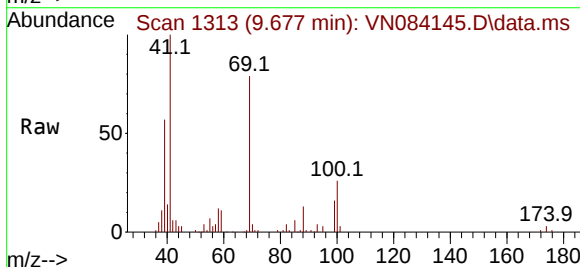
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 138959
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.8
127 8.1 6.6 9.8



#48
Methyl methacrylate
Concen: 54.200 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 41 Resp: 103458
Ion Ratio Lower Upper
41 100
69 79.4 64.3 96.5
39 56.5 48.9 73.3





#49

1,4-Dioxane

Concen: 1156.272 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

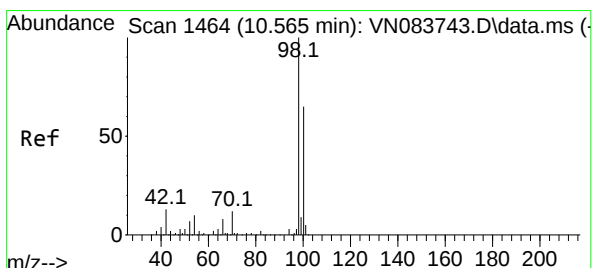
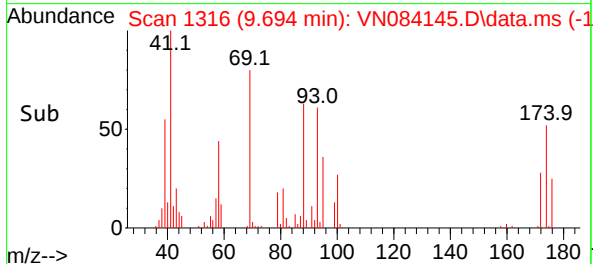
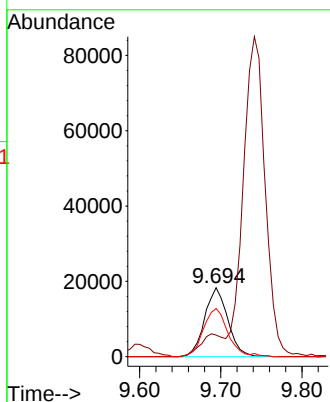
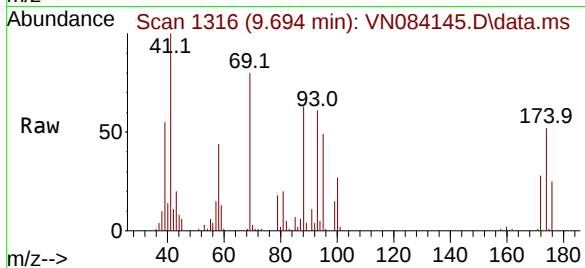
Tgt Ion: 88 Resp: 36308

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0#

58 74.4 57.1 85.7



#50

Toluene-d8

Concen: 49.121 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084145.D

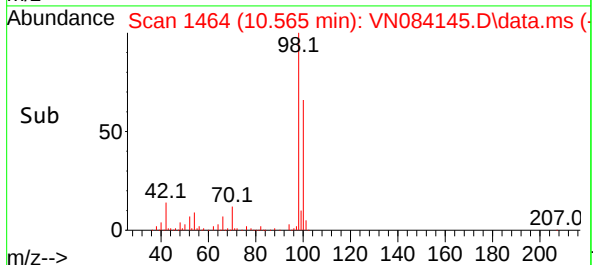
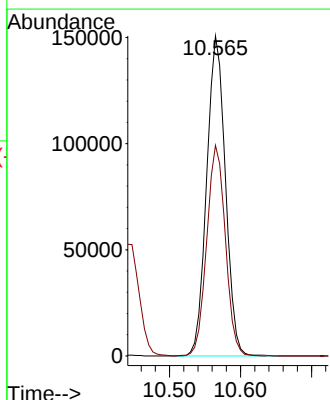
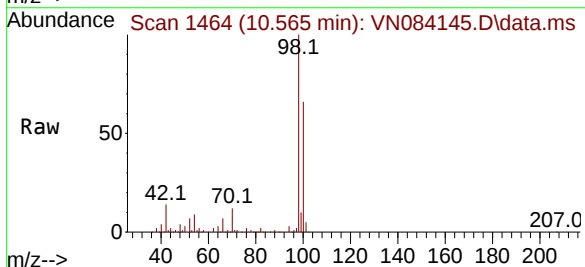
Acq: 24 Sep 2024 19:31

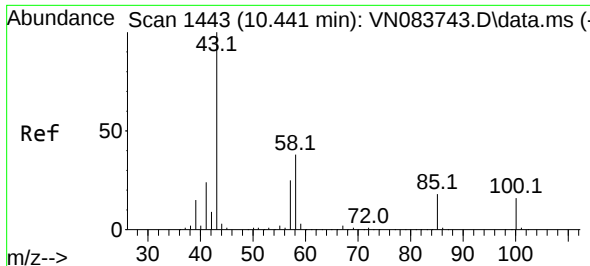
Tgt Ion: 98 Resp: 275955

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

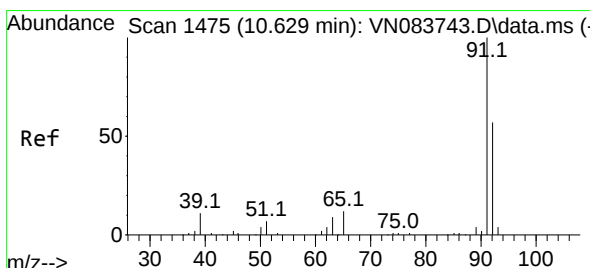
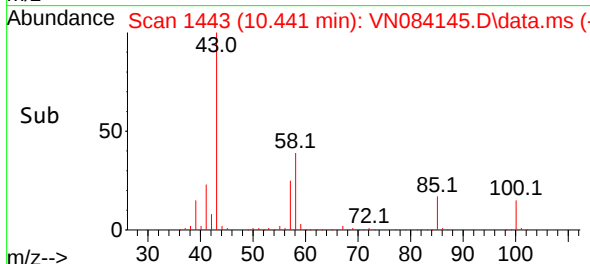
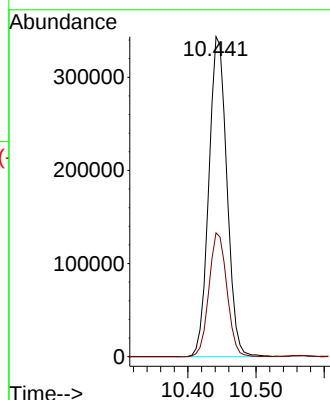
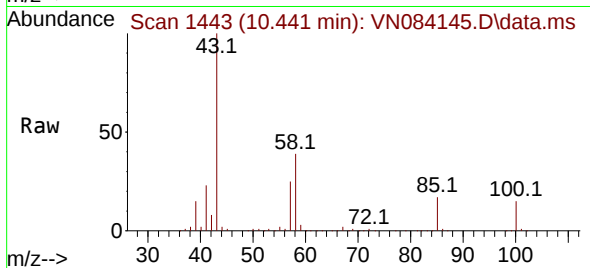




#51
4-Methyl-2-Pentanone
Concen: 289.771 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

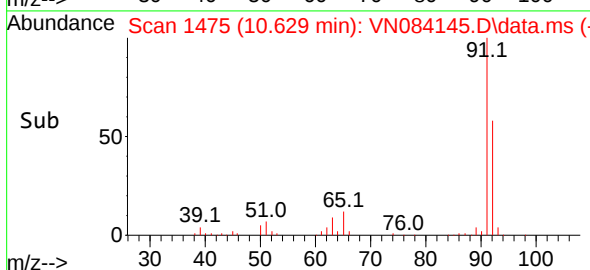
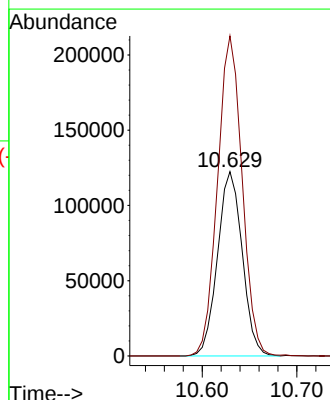
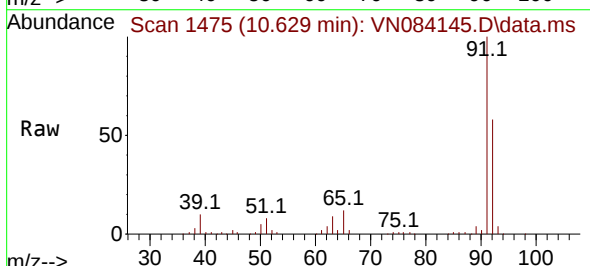
Instrument :
MSVOA_N
ClientSampleId :

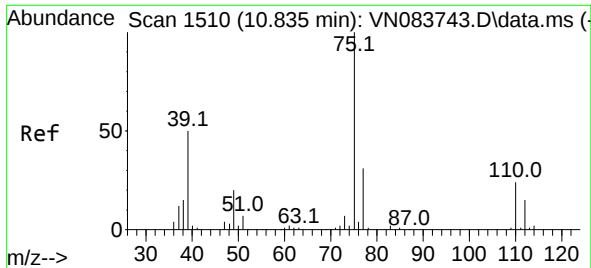
Tgt Ion: 43 Resp: 634618
Ion Ratio Lower Upper
43 100
58 38.4 31.6 47.4



#52
Toluene
Concen: 49.265 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 92 Resp: 221843
Ion Ratio Lower Upper
92 100
91 173.1 134.7 202.1

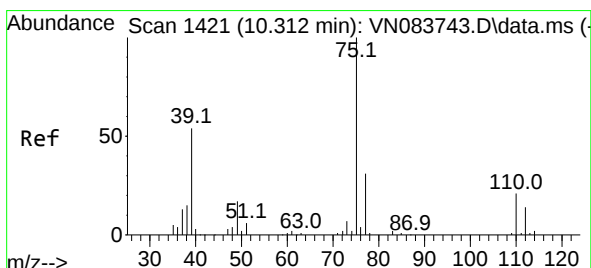
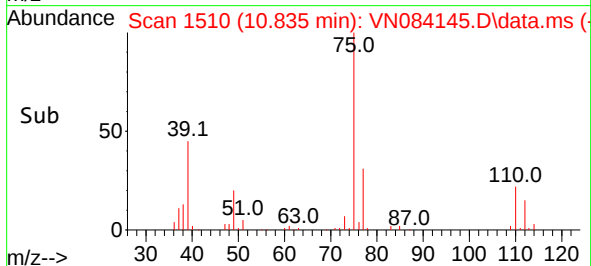
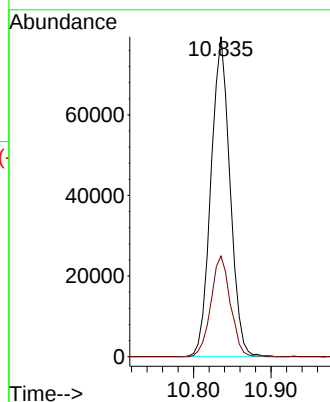
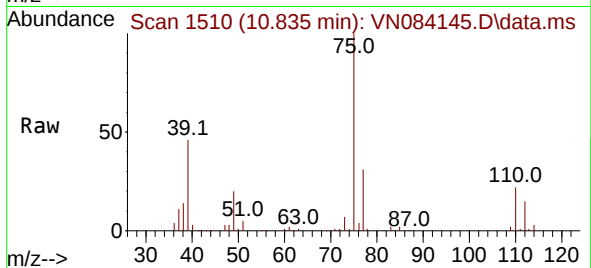




#53
t-1,3-Dichloropropene
Concen: 49.528 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

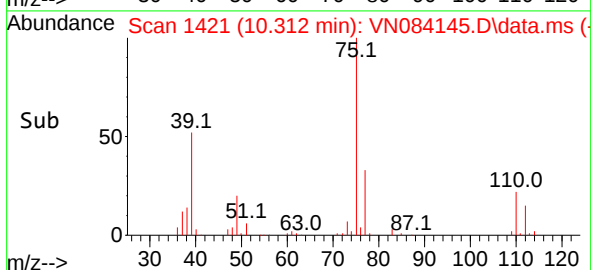
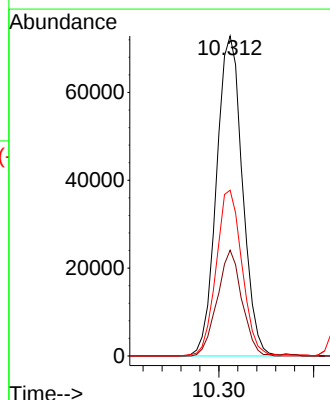
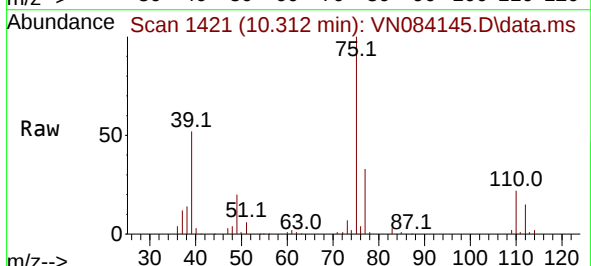
Instrument :
MSVOA_N
ClientSampleId :

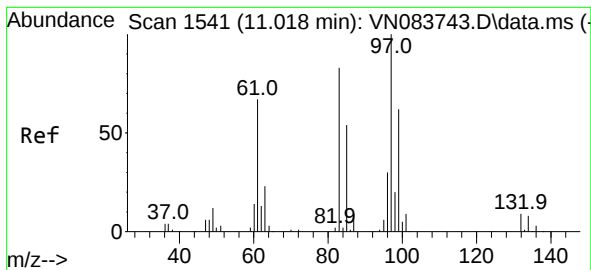
Tgt Ion: 75 Resp: 135409
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 48.157 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 75 Resp: 138300
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.6
39 51.8 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 51.536 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 86639

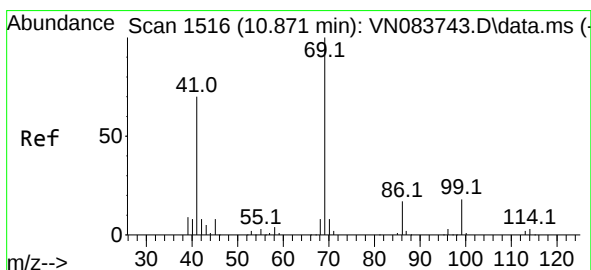
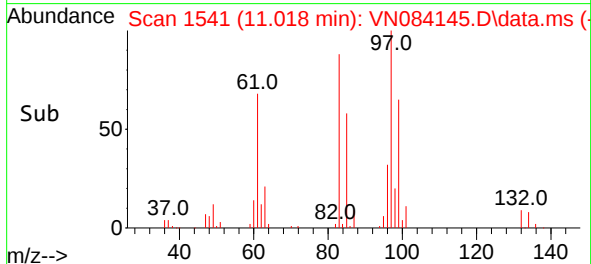
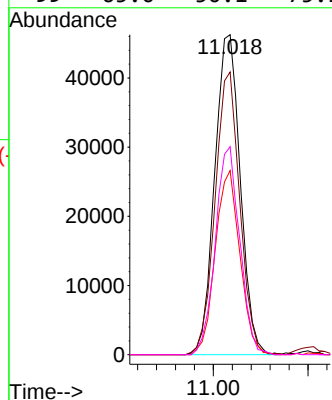
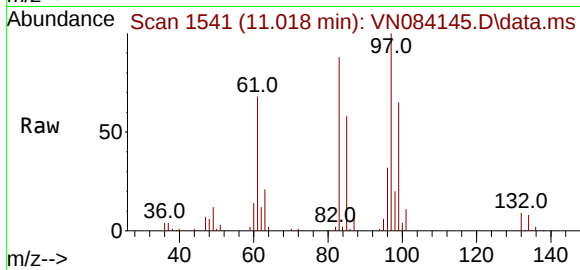
Ion Ratio Lower Upper

97 100

83 88.3 67.5 101.3

85 57.5 44.2 66.2

99 65.0 50.1 75.1



#56

Ethyl methacrylate

Concen: 55.670 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

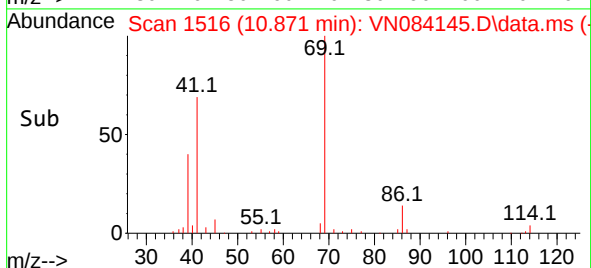
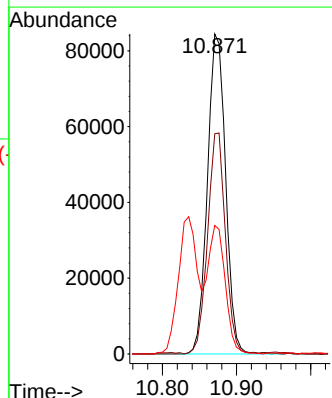
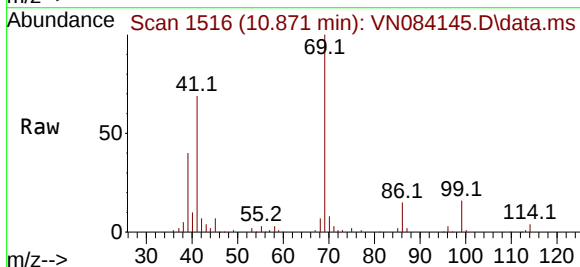
Tgt Ion: 69 Resp: 143991

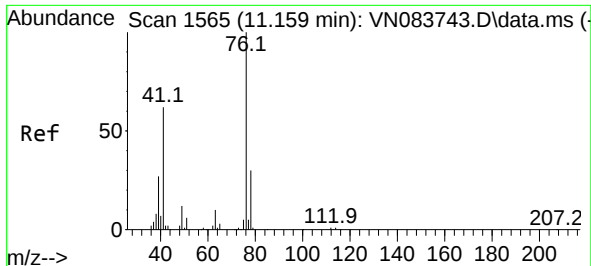
Ion Ratio Lower Upper

69 100

41 67.9 53.9 80.9

39 38.9 32.6 48.8





#57

1,3-Dichloropropane

Concen: 52.106 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

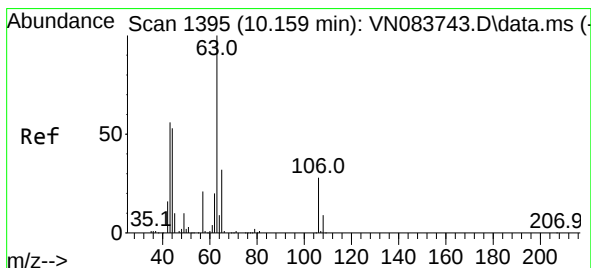
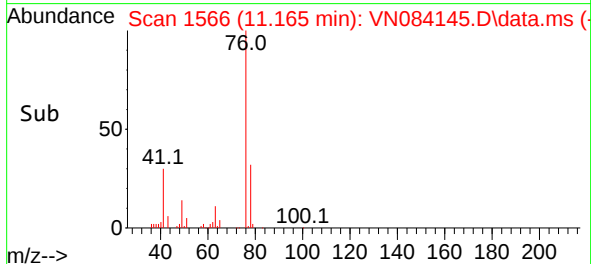
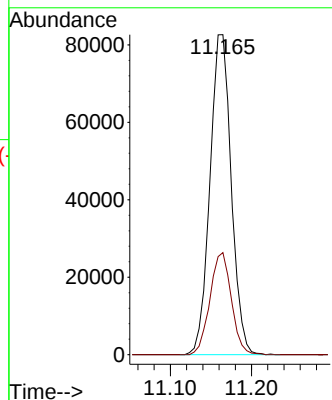
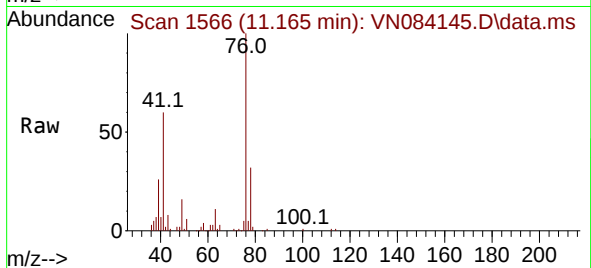
ClientSampleId :

Tgt Ion: 76 Resp: 150551

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 0.928 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.159 min

Lab File: VN084145.D

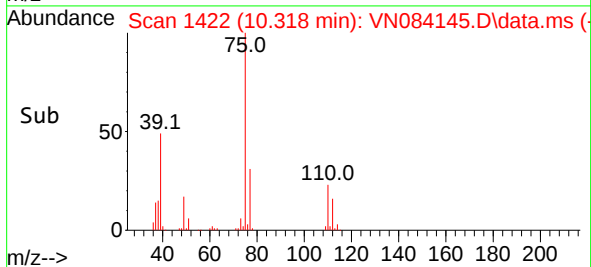
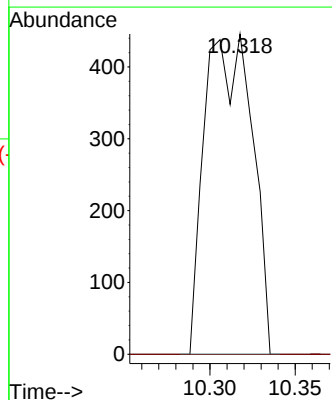
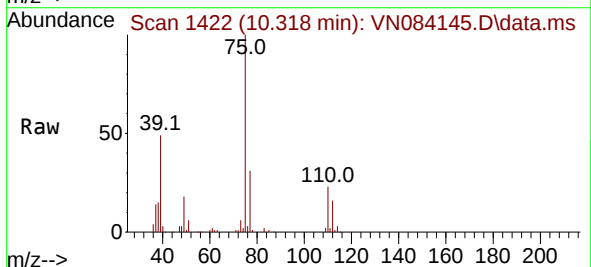
Acq: 24 Sep 2024 19:31

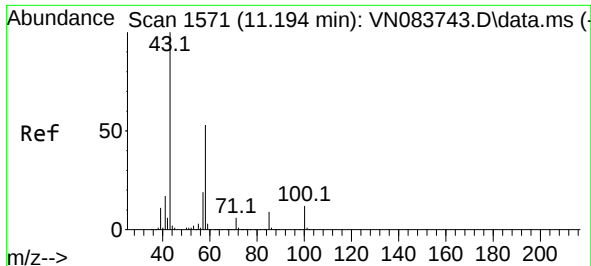
Tgt Ion: 63 Resp: 865

Ion Ratio Lower Upper

63 100

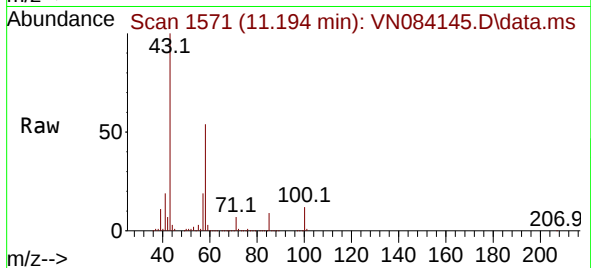
106 0.0 23.3 34.9#



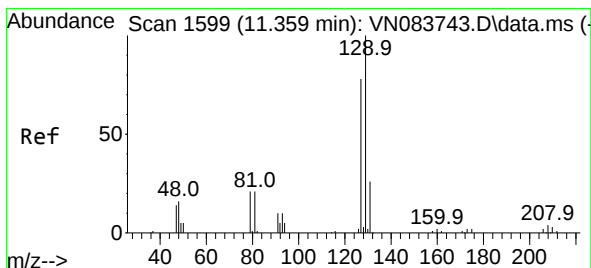
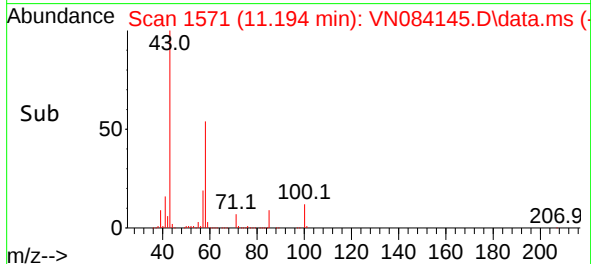
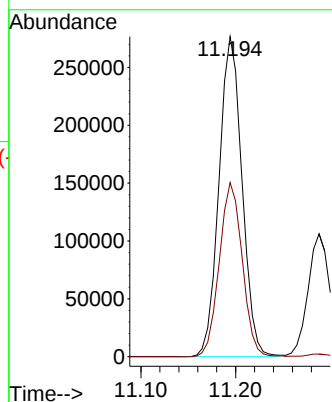


#59
2-Hexanone
Concen: 288.483 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :

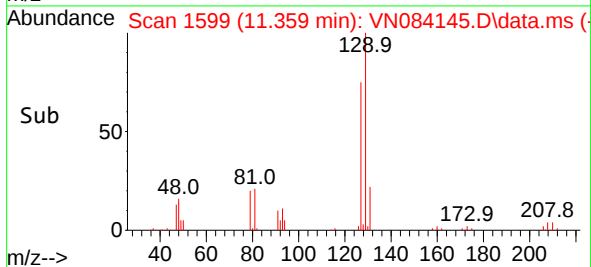
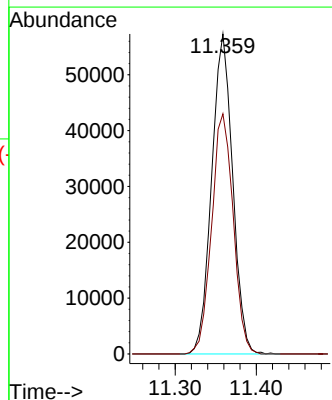
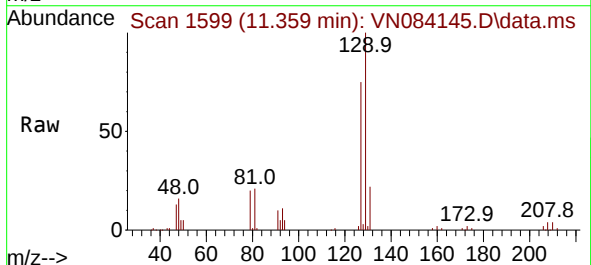


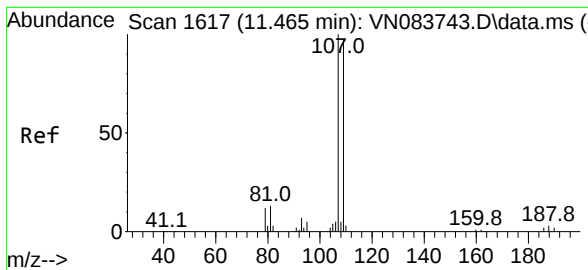
Tgt Ion: 43 Resp: 467356
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.5



#60
Dibromochloromethane
Concen: 54.721 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion:129 Resp: 102953
Ion Ratio Lower Upper
129 100
127 77.1 39.0 116.9

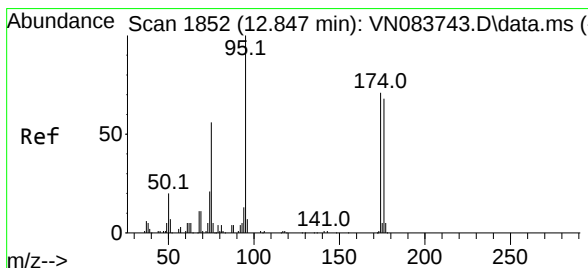
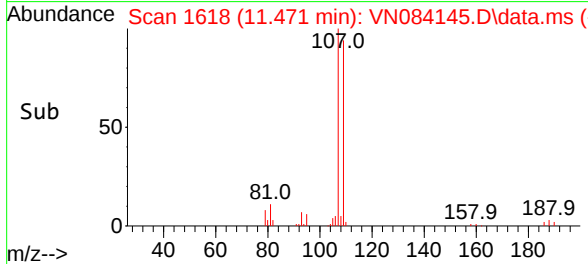
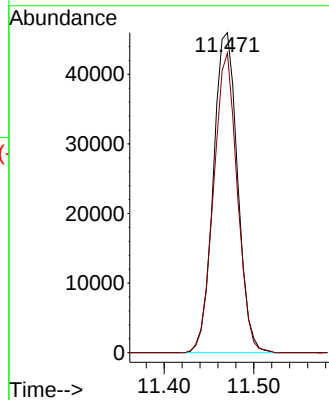
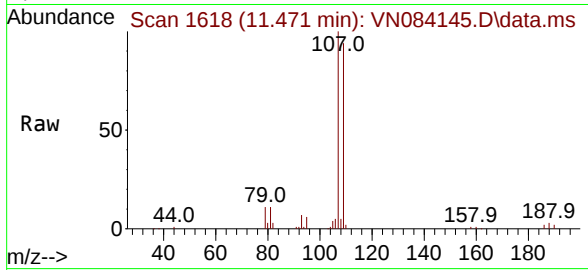




#61
1,2-Dibromoethane
Concen: 51.348 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

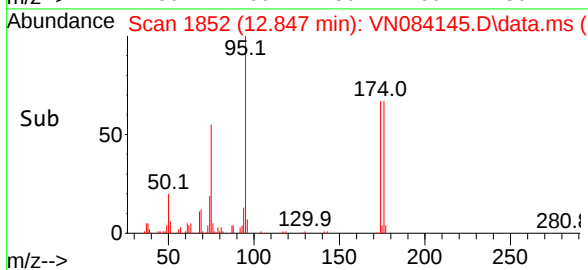
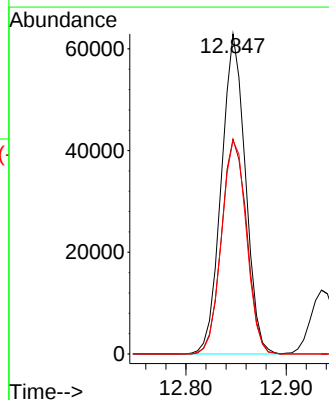
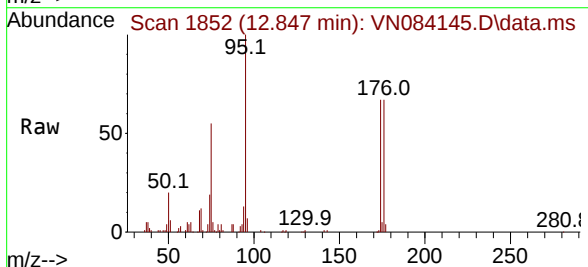
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:107 Resp: 86091
Ion Ratio Lower Upper
107 100
109 91.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.269 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 95 Resp: 104924
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 69.1 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

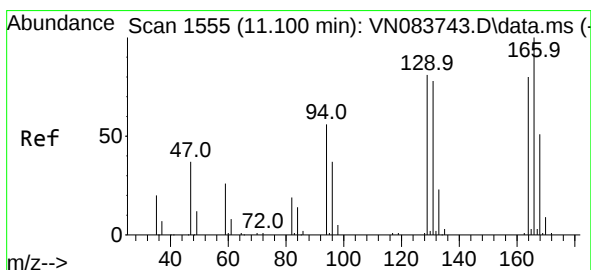
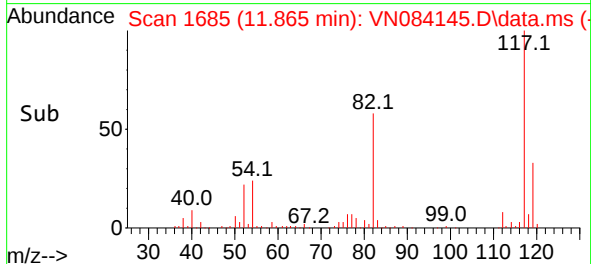
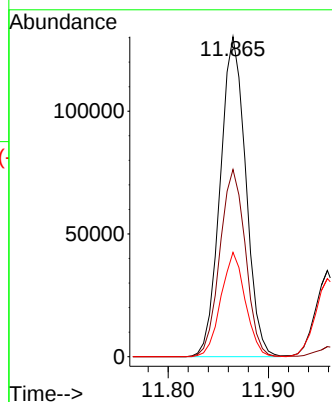
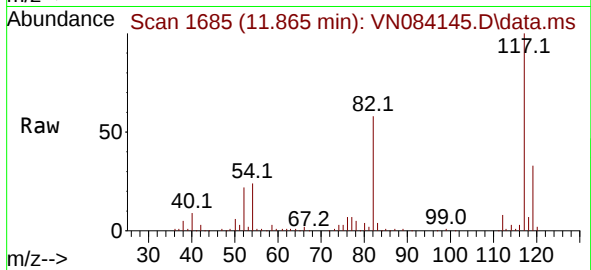
Tgt Ion:117 Resp: 230601

Ion Ratio Lower Upper

117 100

82 58.5 47.4 71.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 46.230 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Tgt Ion:164 Resp: 70896

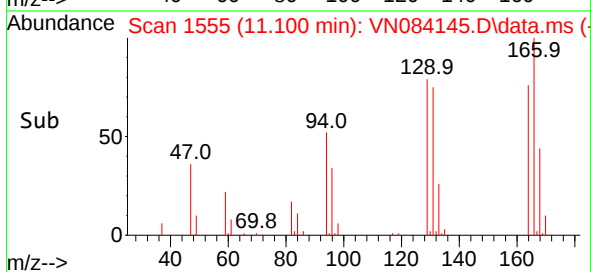
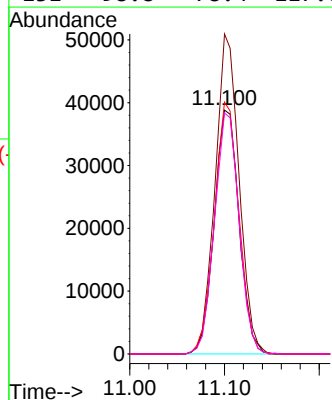
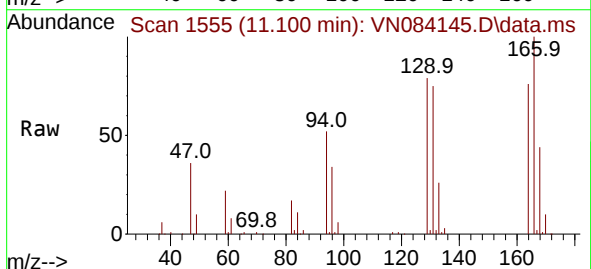
Ion Ratio Lower Upper

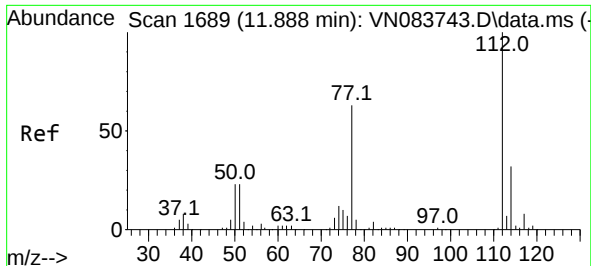
164 100

166 131.2 103.7 155.5

129 103.3 79.9 119.9

131 98.8 78.4 117.6

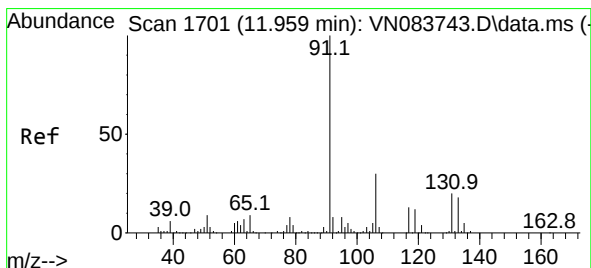
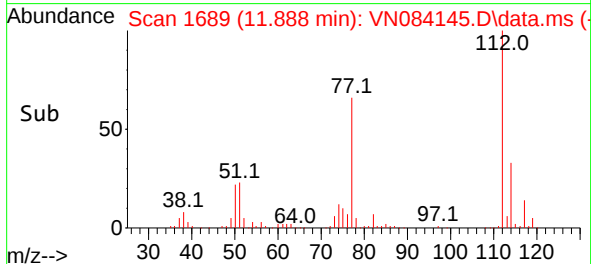
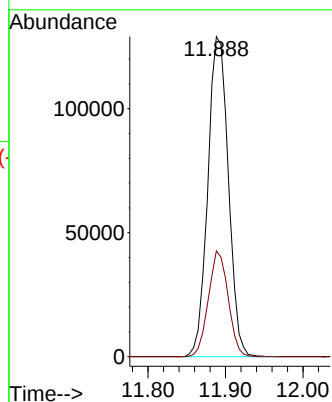
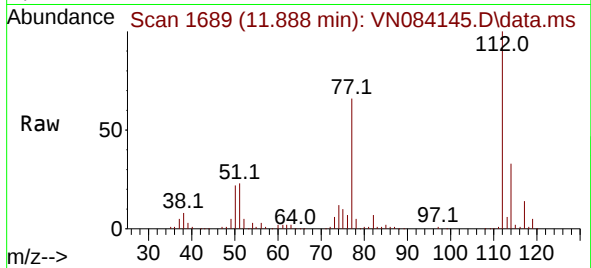




#65
Chlorobenzene
Concen: 46.373 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

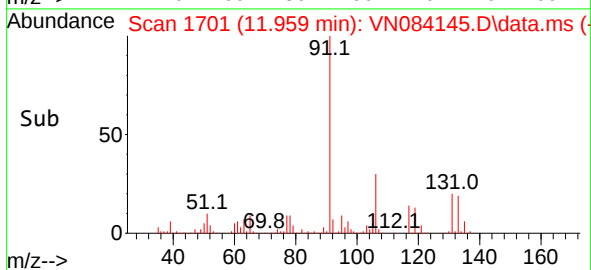
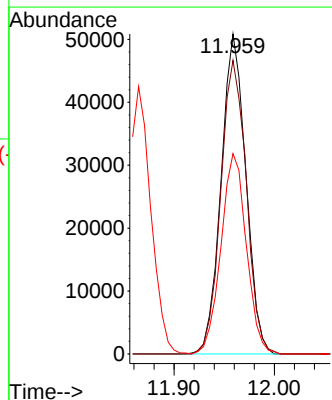
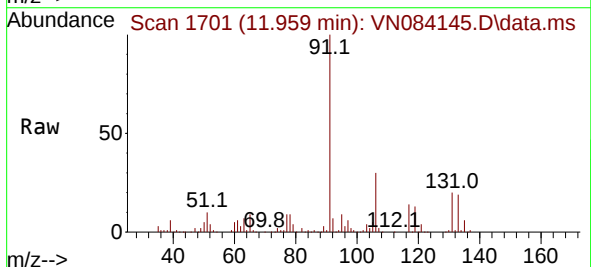
Instrument :
MSVOA_N
ClientSampleId :

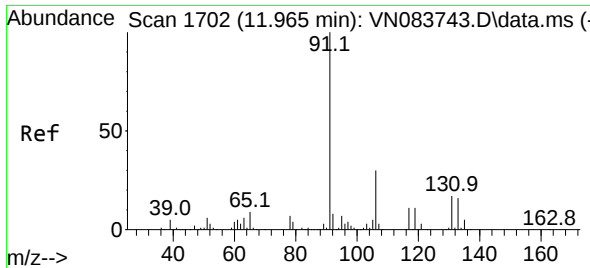
Tgt Ion:112 Resp: 237671
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.995 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion:131 Resp: 87052
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 64.2 31.6 94.8

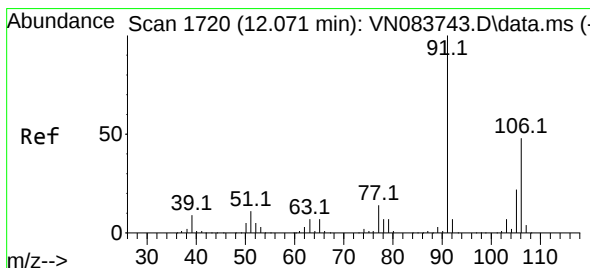
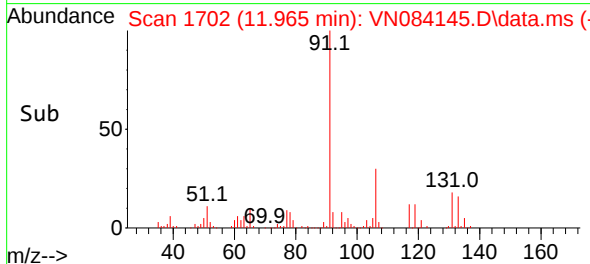
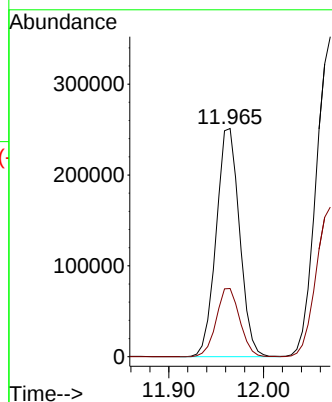
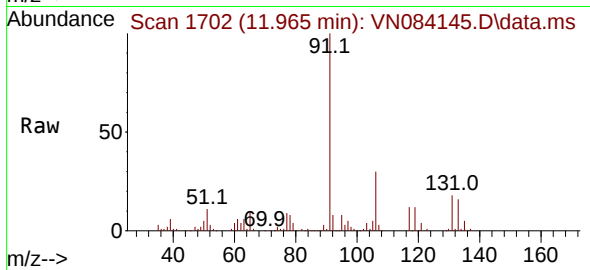




#67
Ethyl Benzene
Concen: 47.330 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

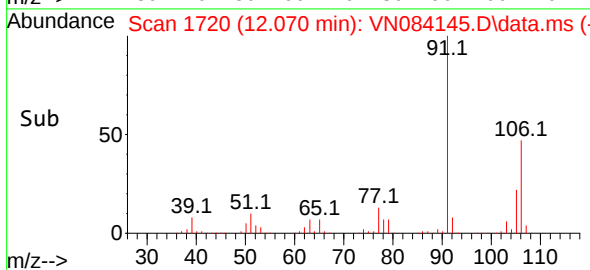
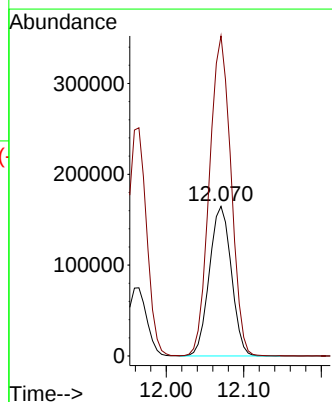
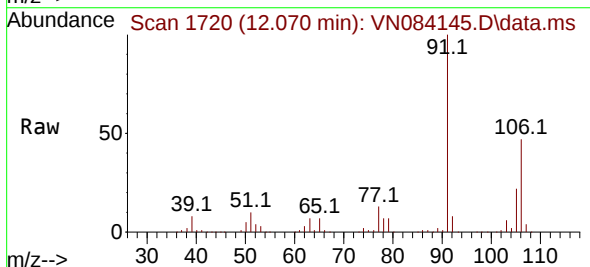
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 430920
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 95.950 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion:106 Resp: 324332
Ion Ratio Lower Upper
106 100
91 209.9 169.2 253.8

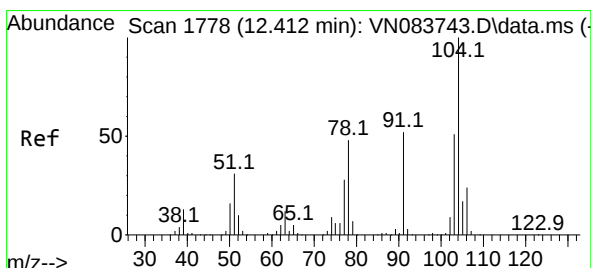
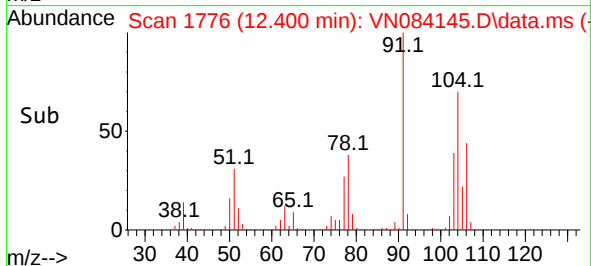
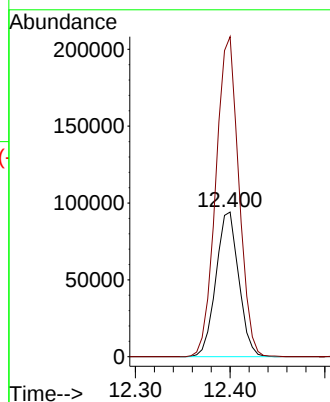
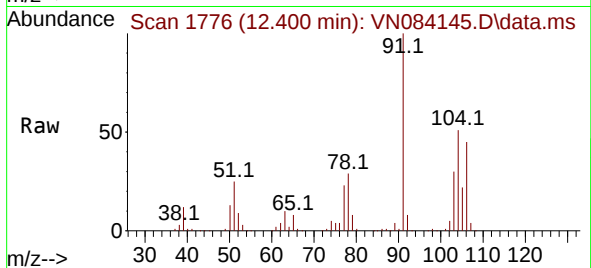




#69
o-Xylene
Concen: 48.072 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

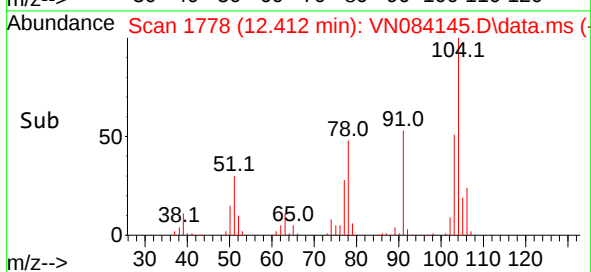
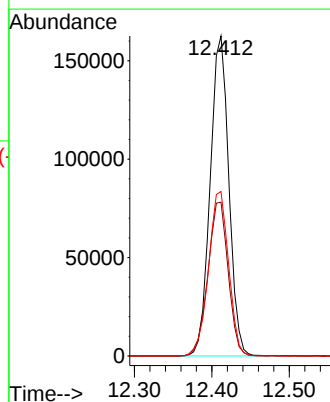
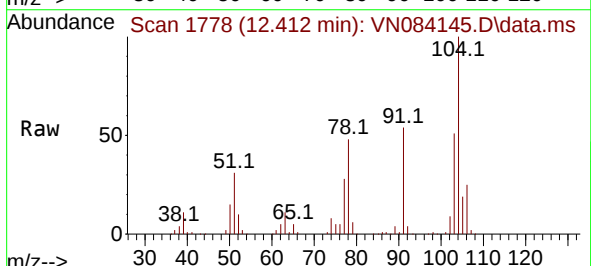
Instrument :
MSVOA_N
ClientSampleId :

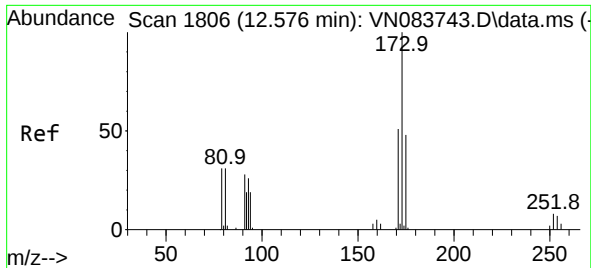
Tgt Ion:106 Resp: 157305
Ion Ratio Lower Upper
106 100
91 223.4 112.9 338.6



#70
Styrene
Concen: 50.763 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion:104 Resp: 272615
Ion Ratio Lower Upper
104 100
78 52.3 43.3 64.9
103 55.3 43.4 65.2

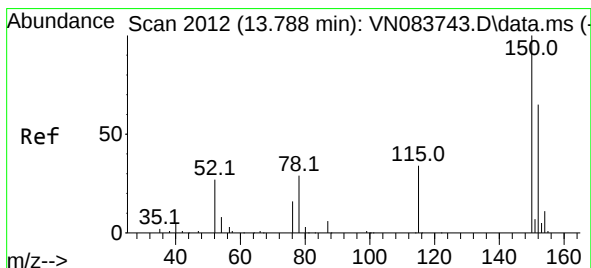
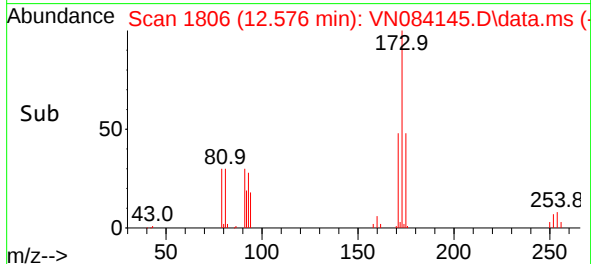
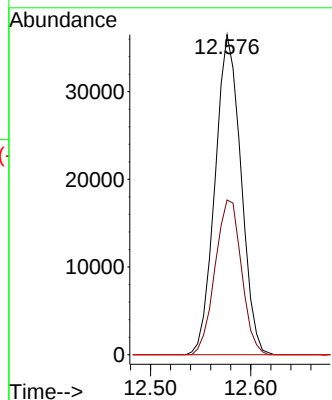
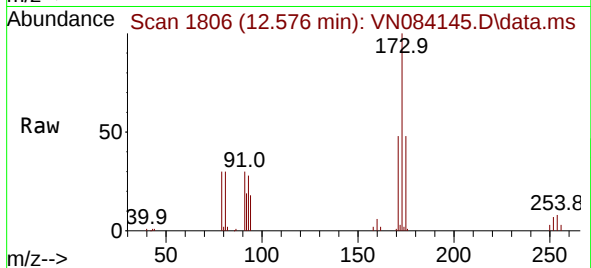




#71
Bromoform
Concen: 54.727 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

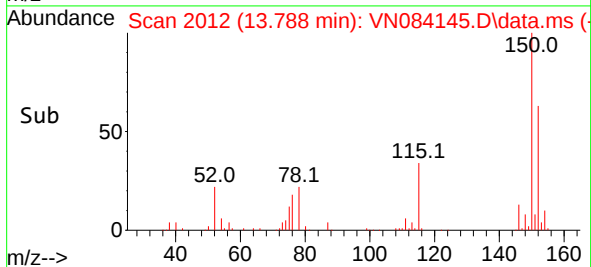
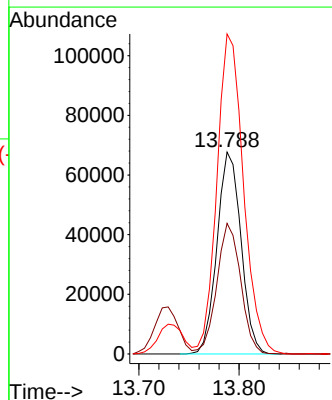
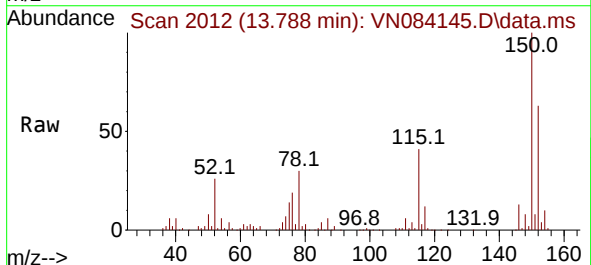
Instrument :
MSVOA_N
ClientSampleId :

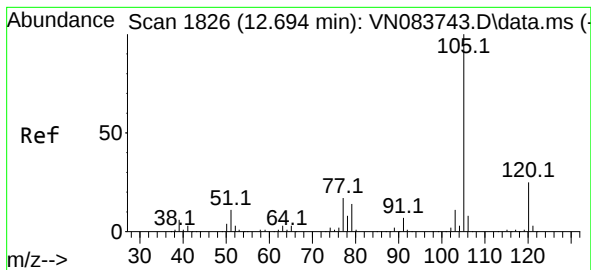
Tgt Ion:173 Resp: 65525
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion:152 Resp: 112549
Ion Ratio Lower Upper
152 100
115 64.4 32.2 96.6
150 175.4 0.0 348.6





#73

Isopropylbenzene

Concen: 46.705 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

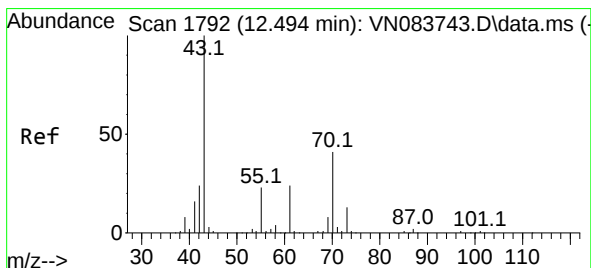
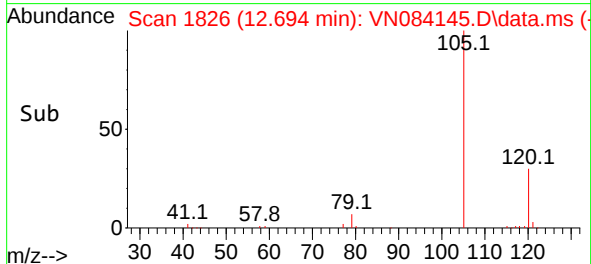
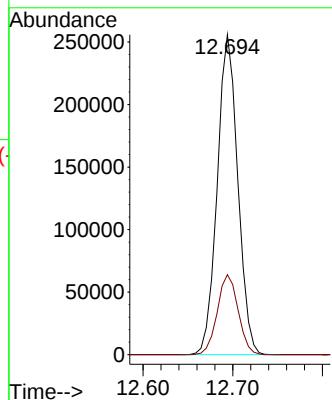
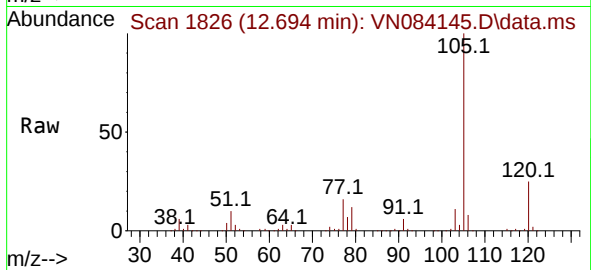
ClientSampleId :

Tgt Ion:105 Resp: 406681

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 48.287 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Tgt Ion: 43 Resp: 179391

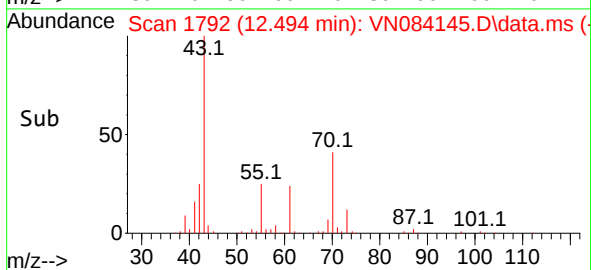
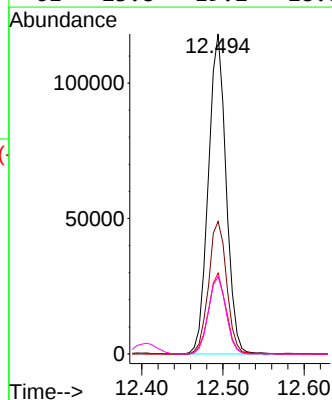
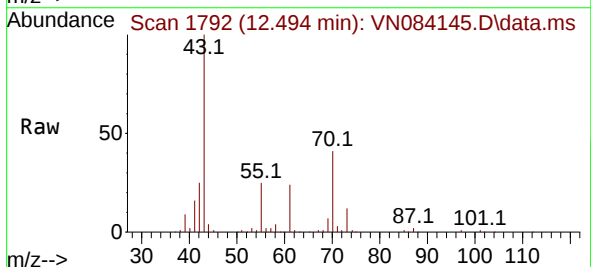
Ion Ratio Lower Upper

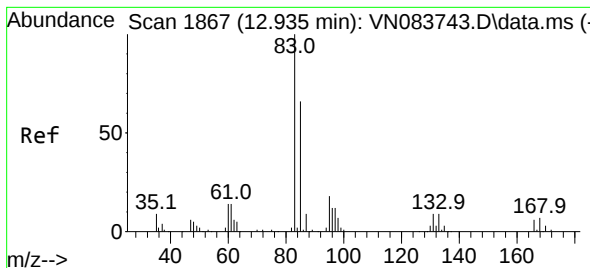
43 100

70 42.2 34.5 51.7

55 25.1 18.6 28.0

61 23.8 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.752 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

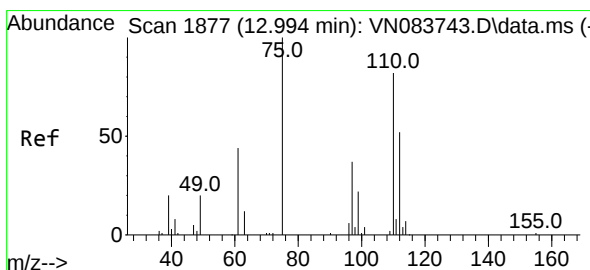
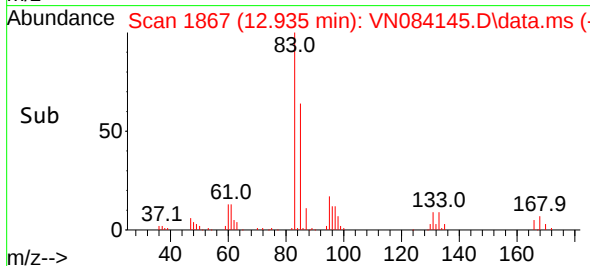
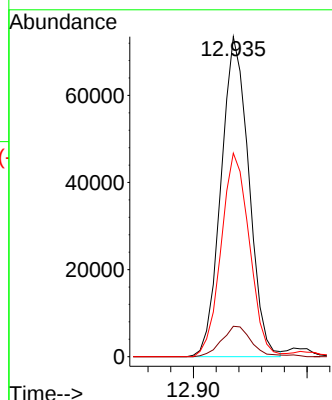
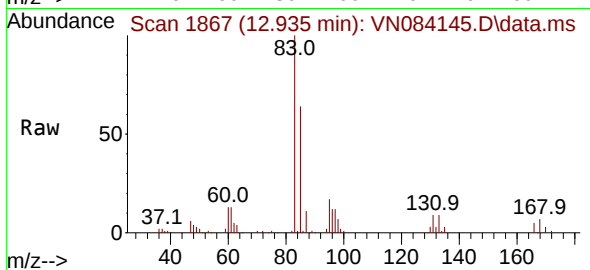
Tgt Ion: 83 Resp: 124729

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.8 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 72.377 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN084145.D

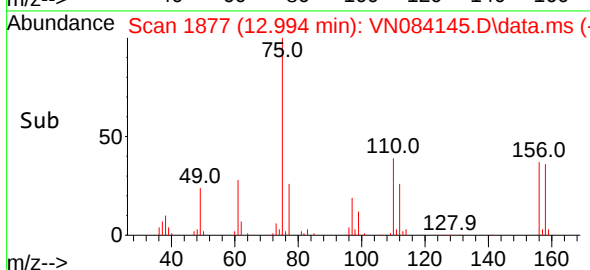
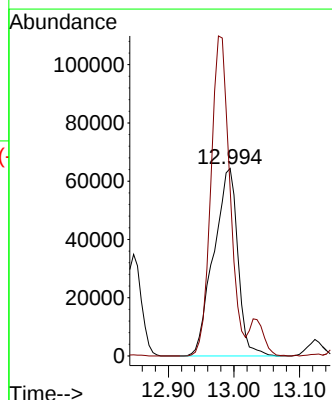
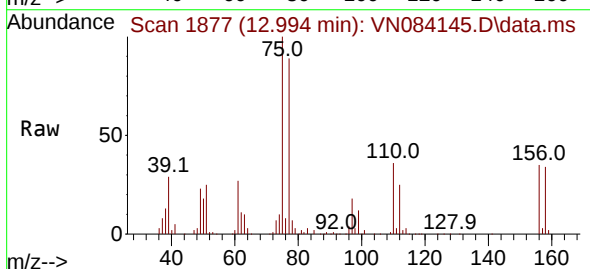
Acq: 24 Sep 2024 19:31

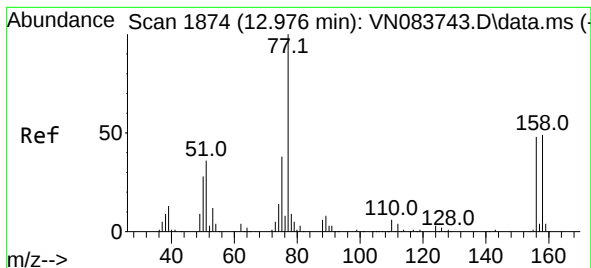
Tgt Ion: 75 Resp: 164370

Ion Ratio Lower Upper

75 100

77 134.0 95.2 285.6





#77

Bromobenzene

Concen: 44.915 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

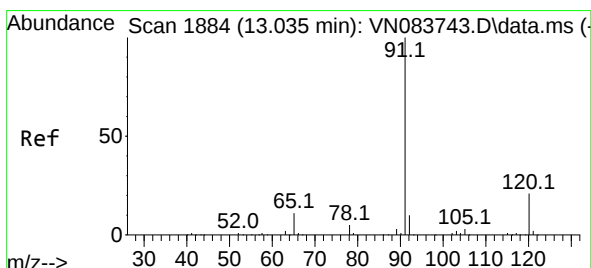
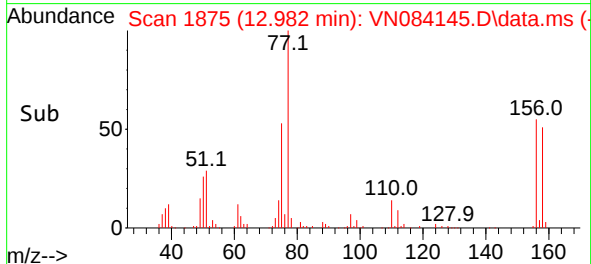
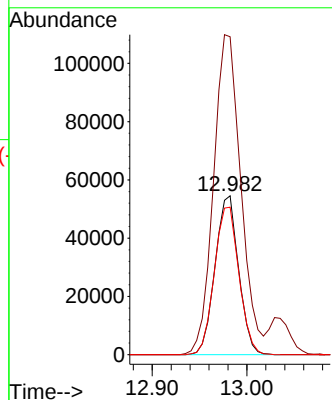
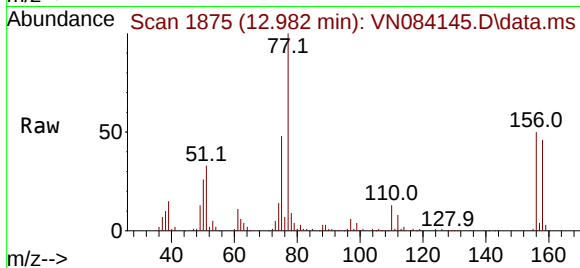
Tgt Ion:156 Resp: 94141

Ion Ratio Lower Upper

156 100

77 233.9 114.3 343.1

158 97.1 48.9 146.7



#78

n-propylbenzene

Concen: 47.419 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084145.D

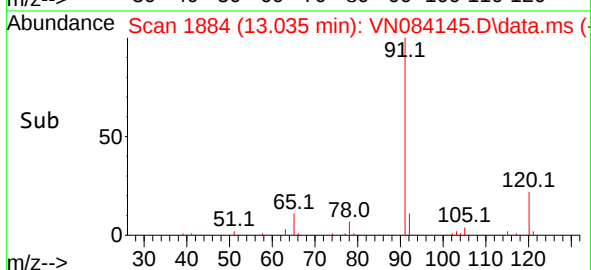
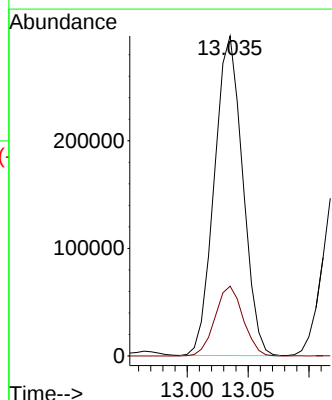
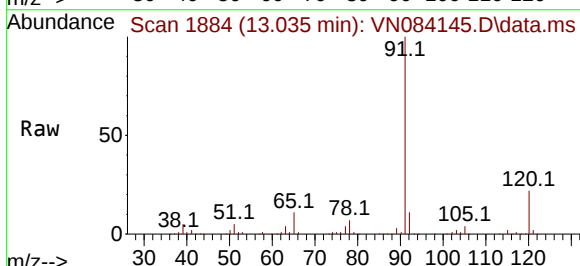
Acq: 24 Sep 2024 19:31

Tgt Ion: 91 Resp: 480414

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0

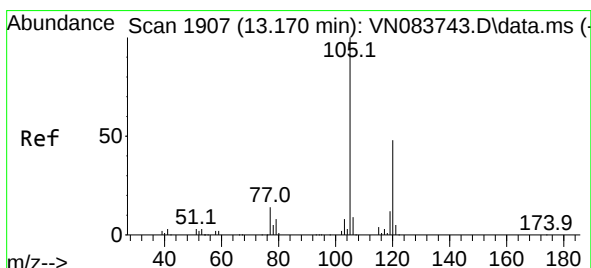
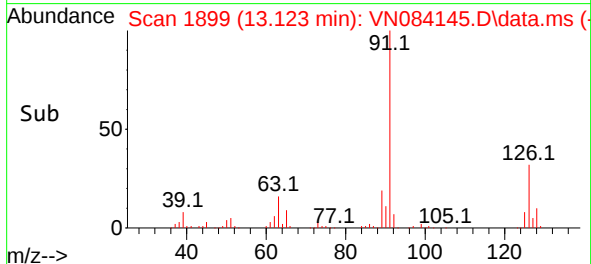
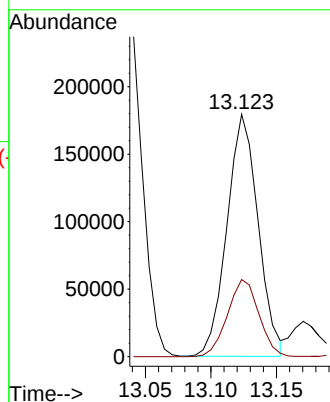
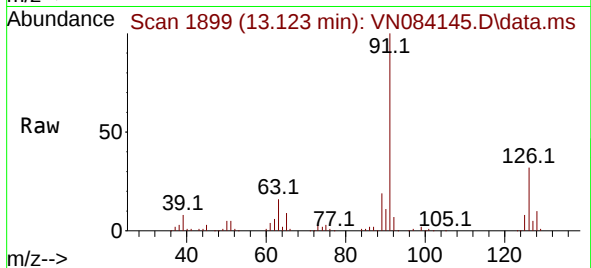




#79
2-Chlorotoluene
Concen: 45.922 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

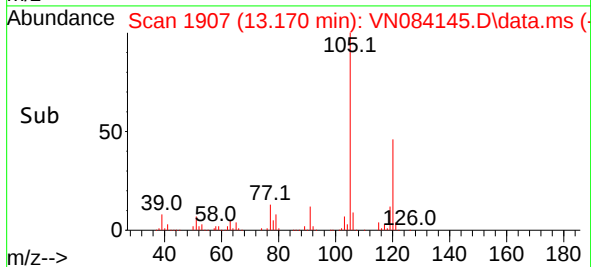
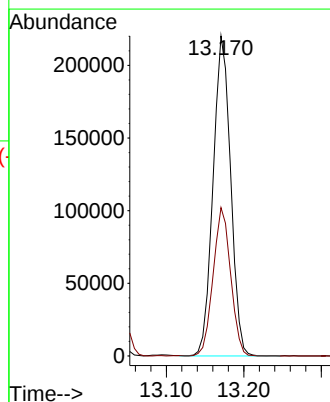
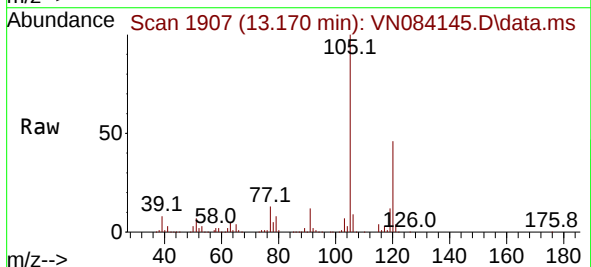
Instrument :
MSVOA_N
ClientSampleId :

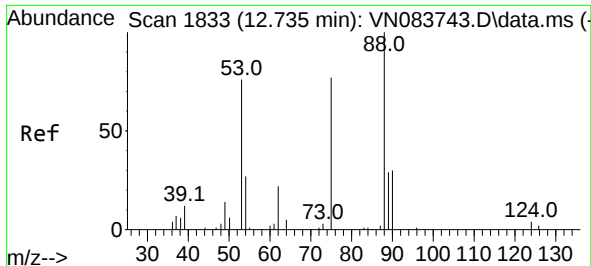
Tgt Ion: 91 Resp: 296711
Ion Ratio Lower Upper
91 100
126 32.1 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 47.265 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion:105 Resp: 346981
Ion Ratio Lower Upper
105 100
120 46.2 23.4 70.3

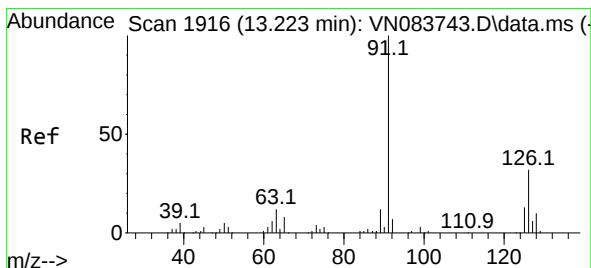
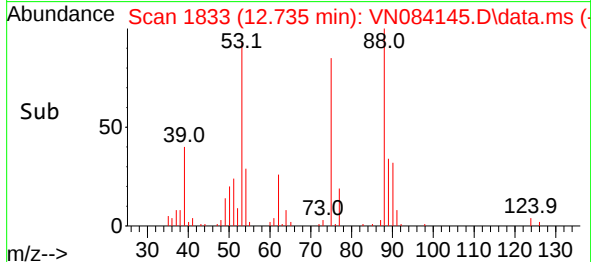
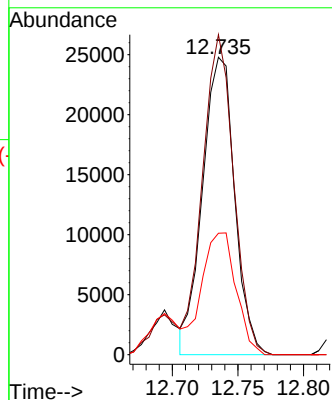
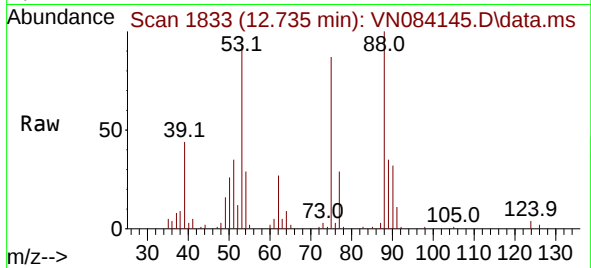




#81
trans-1,4-Dichloro-2-butene
Concen: 48.766 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

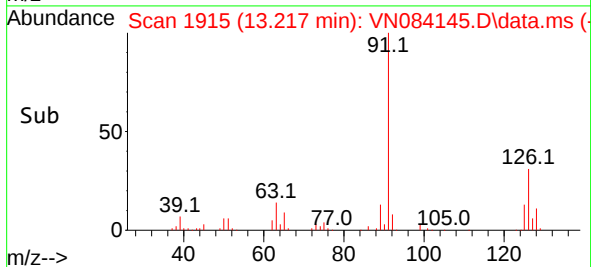
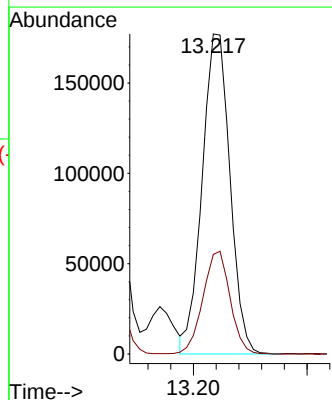
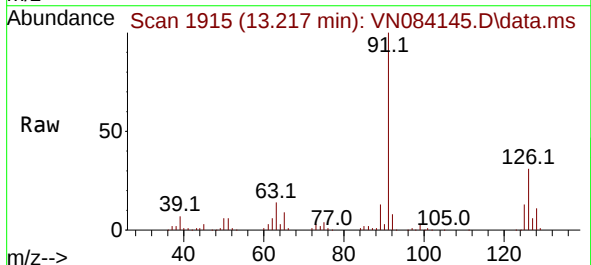
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 42285
Ion Ratio Lower Upper
75 100
53 104.2 81.2 121.8
89 44.3 35.7 53.5



#82
4-Chlorotoluene
Concen: 46.515 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 91 Resp: 301599
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.2





#83

tert-Butylbenzene

Concen: 46.408 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

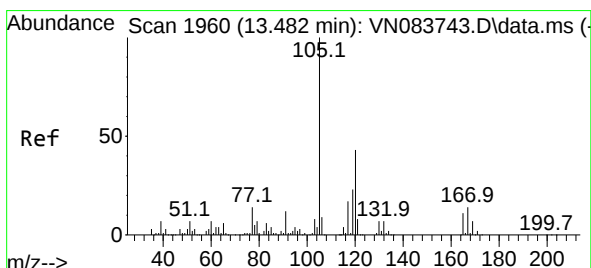
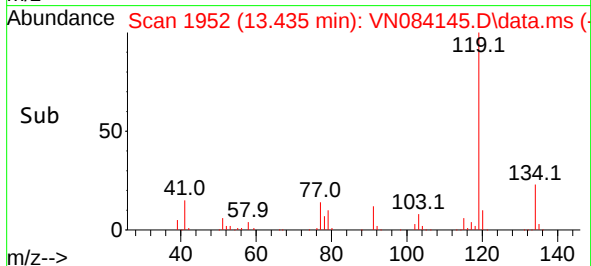
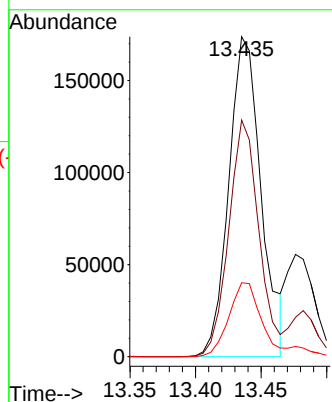
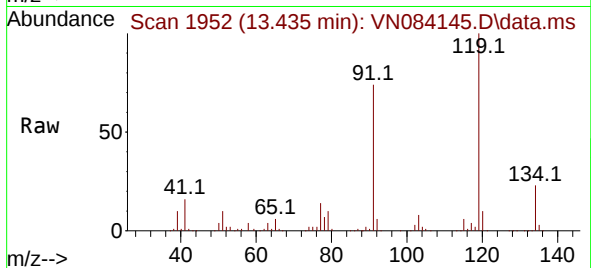
Tgt Ion:119 Resp: 298068

Ion Ratio Lower Upper

119 100

91 69.0 34.5 103.6

134 25.2 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 47.701 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084145.D

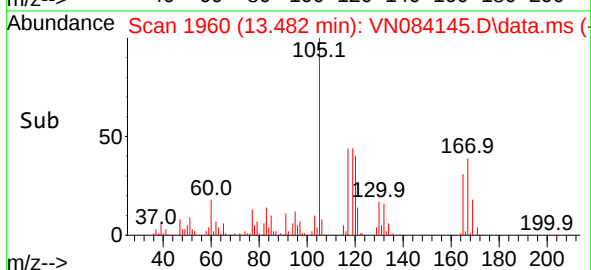
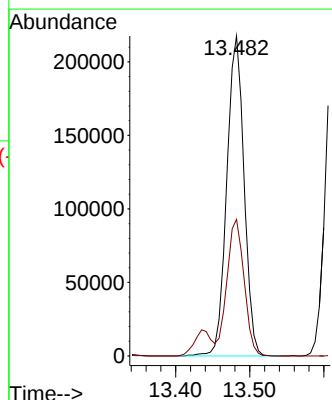
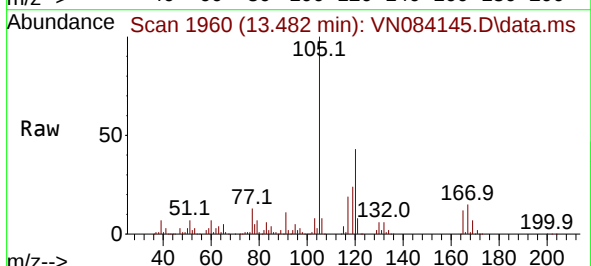
Acq: 24 Sep 2024 19:31

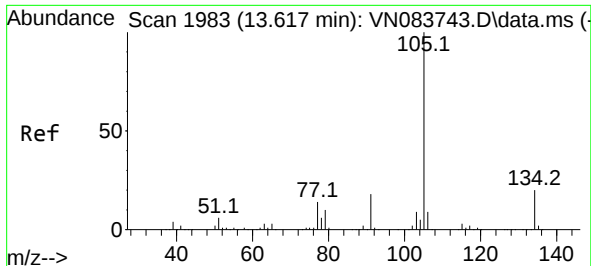
Tgt Ion:105 Resp: 351767

Ion Ratio Lower Upper

105 100

120 42.6 21.8 65.4

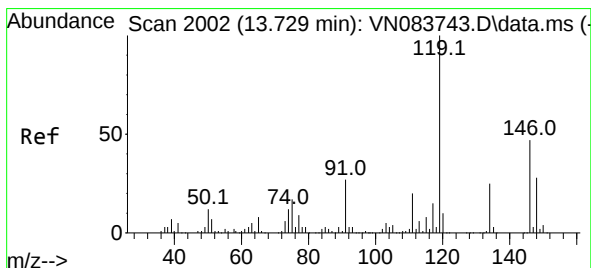
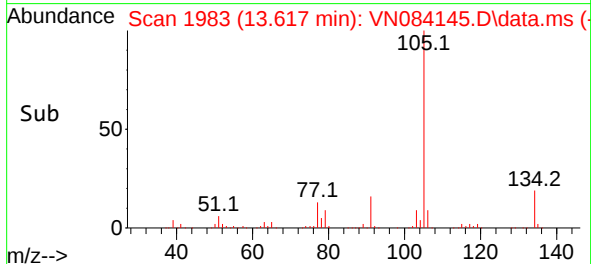
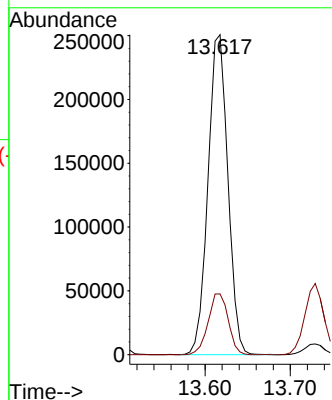
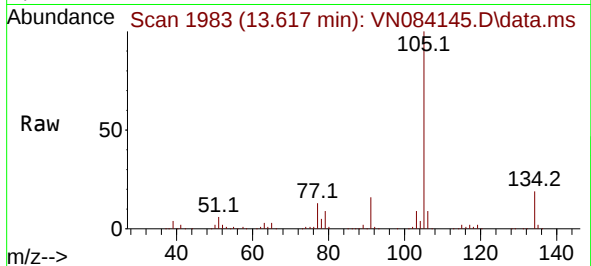




#85
 sec-Butylbenzene
 Concen: 47.675 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084145.D
 Acq: 24 Sep 2024 19:31

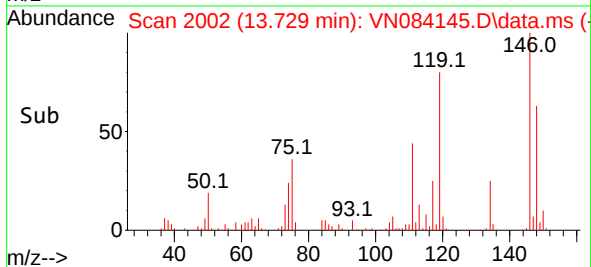
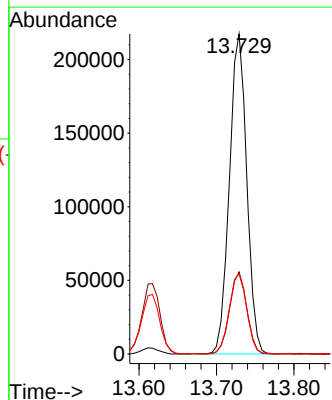
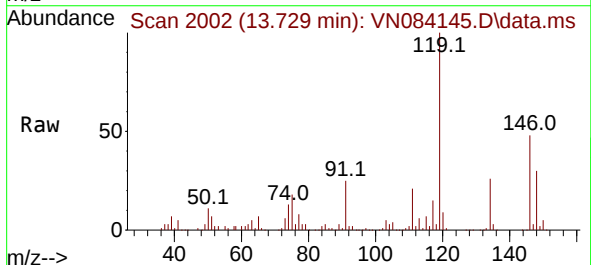
Instrument :
 MSVOA_N
 ClientSampleId :

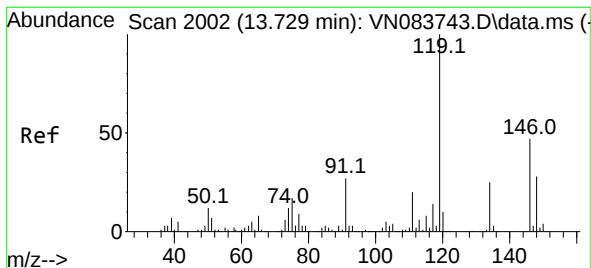
Tgt Ion:105 Resp: 406099
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 47.400 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084145.D
 Acq: 24 Sep 2024 19:31

Tgt Ion:119 Resp: 338458
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 45.709 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

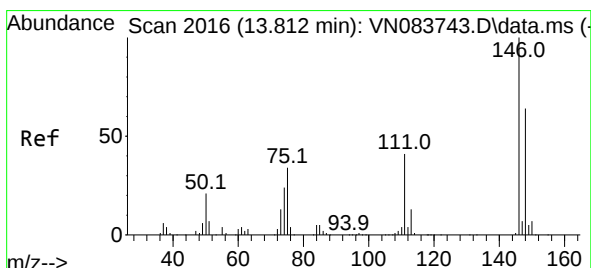
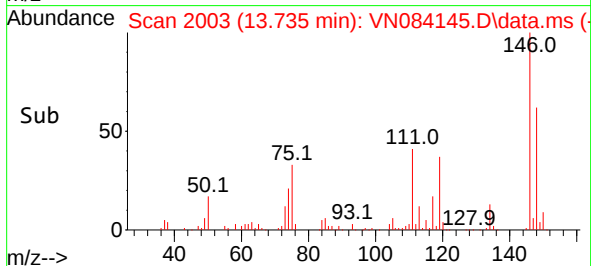
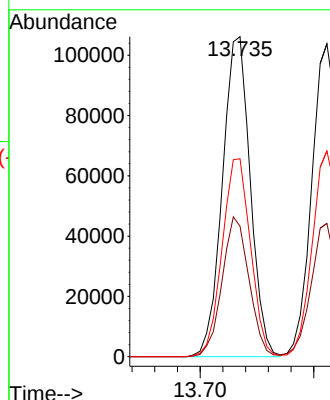
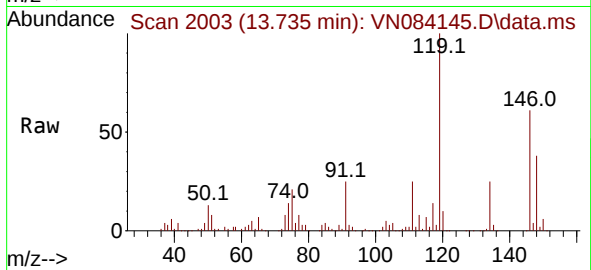
Tgt Ion:146 Resp: 180808

Ion Ratio Lower Upper

146 100

111 42.3 21.7 65.1

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 43.668 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

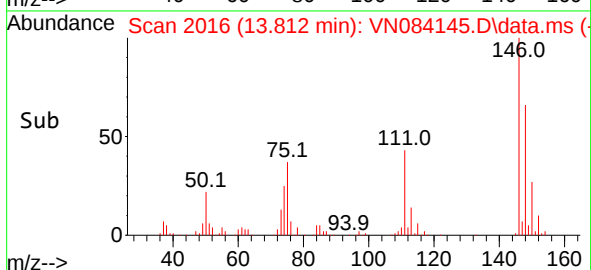
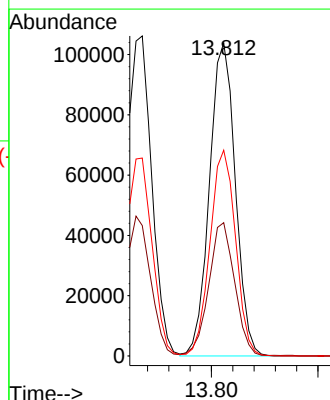
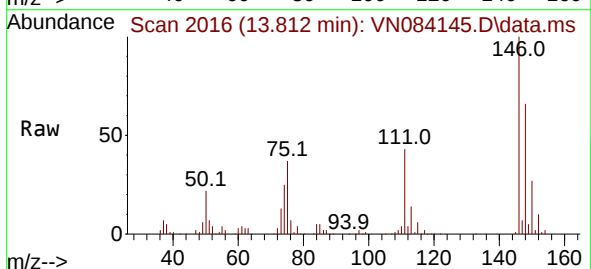
Tgt Ion:146 Resp: 174907

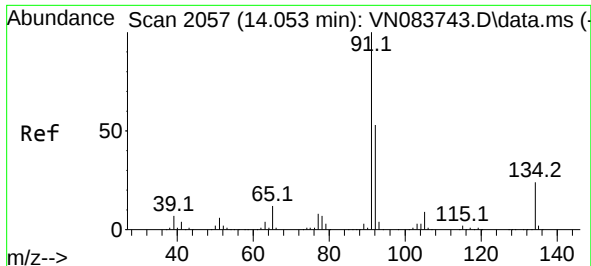
Ion Ratio Lower Upper

146 100

111 42.9 21.3 64.0

148 65.1 32.0 96.2

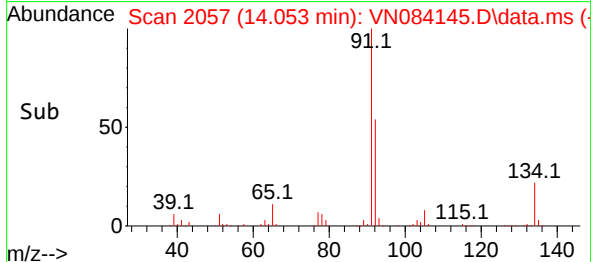
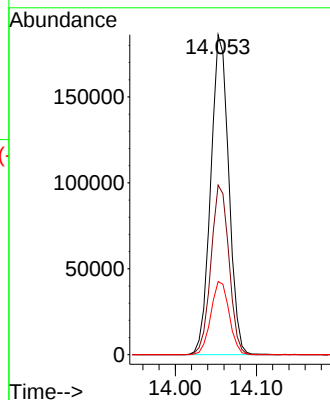
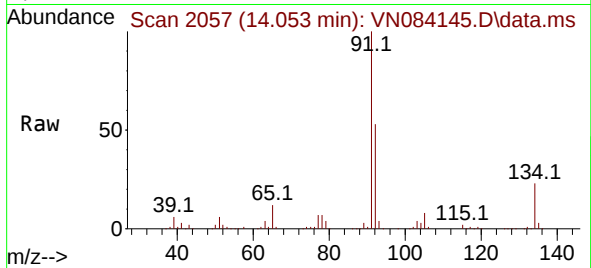




#89
n-Butylbenzene
Concen: 44.757 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

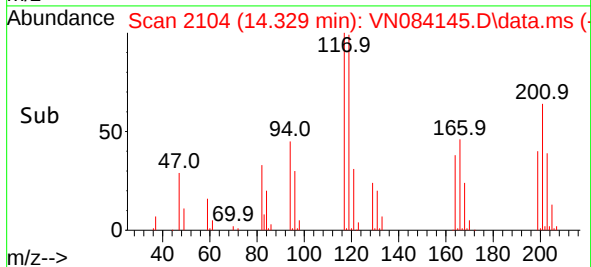
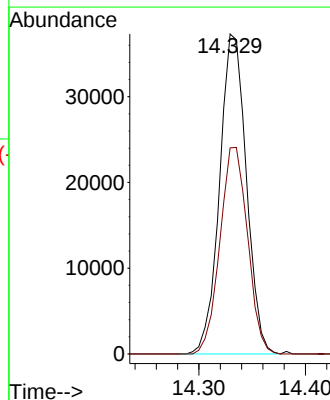
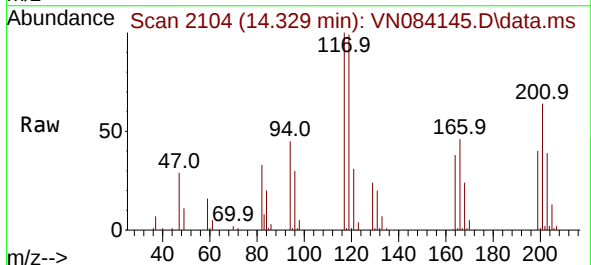
Instrument :
MSVOA_N
ClientSampleId :

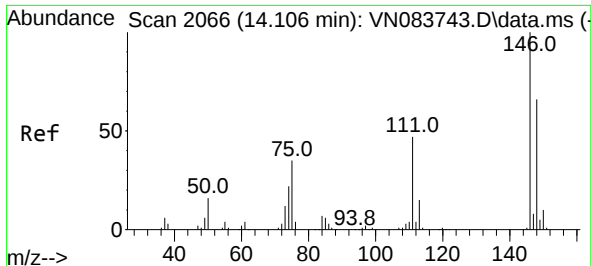
Tgt Ion: 91 Resp: 286935
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.1
134 23.2 12.2 36.4



#90
Hexachloroethane
Concen: 45.332 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084145.D
Acq: 24 Sep 2024 19:31

Tgt Ion: 117 Resp: 65068
Ion Ratio Lower Upper
117 100
201 66.7 32.8 98.3





#91

1,2-Dichlorobenzene

Concen: 45.579 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

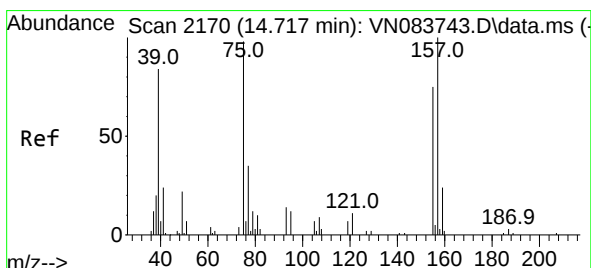
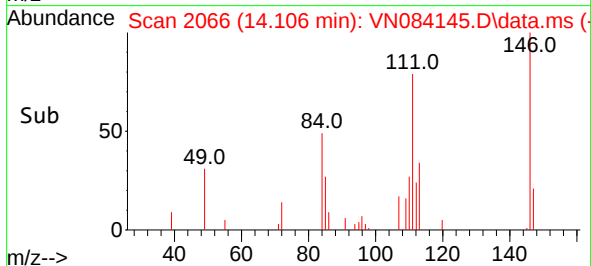
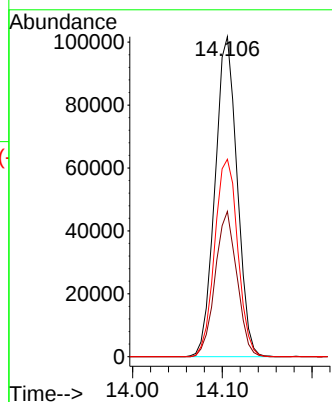
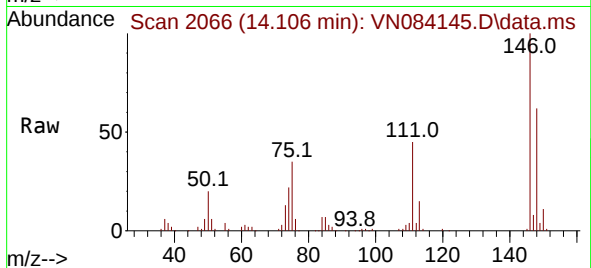
Tgt Ion:146 Resp: 174001

Ion Ratio Lower Upper

146 100

111 44.7 22.8 68.3

148 64.4 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.523 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

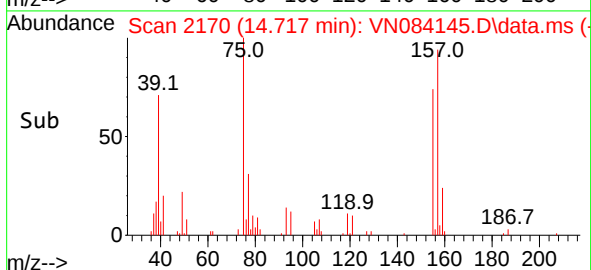
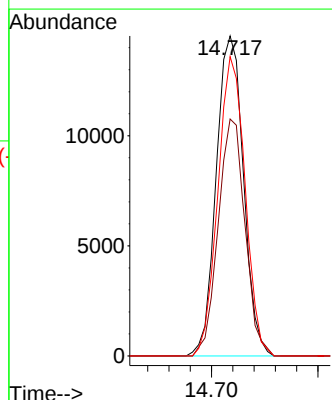
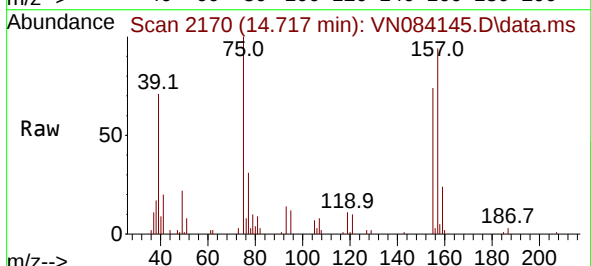
Tgt Ion: 75 Resp: 25767

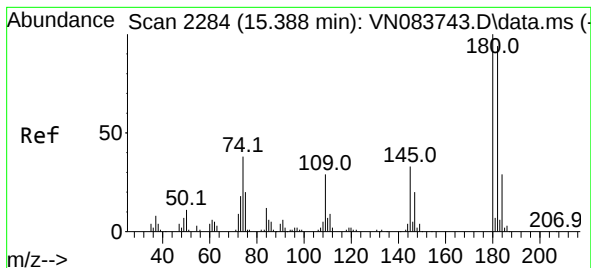
Ion Ratio Lower Upper

75 100

155 73.1 35.9 107.7

157 93.1 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 40.479 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

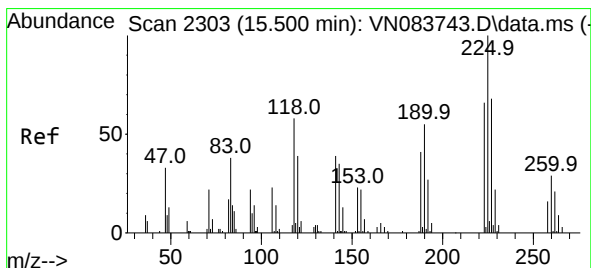
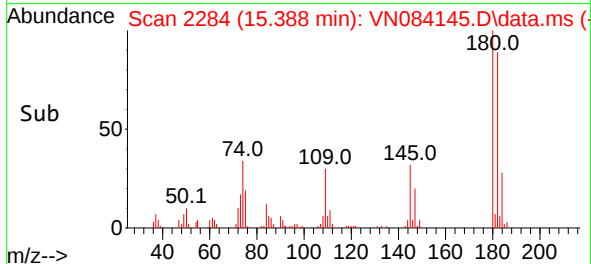
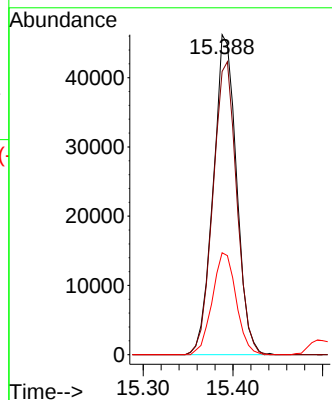
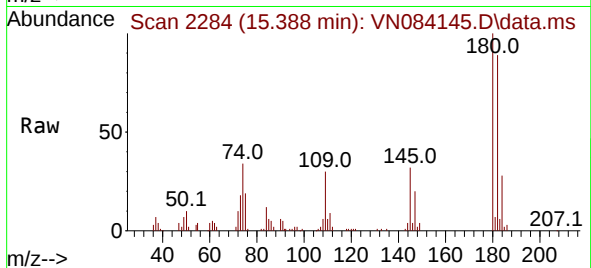
Tgt Ion:180 Resp: 82925

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.3

145 32.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 41.013 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

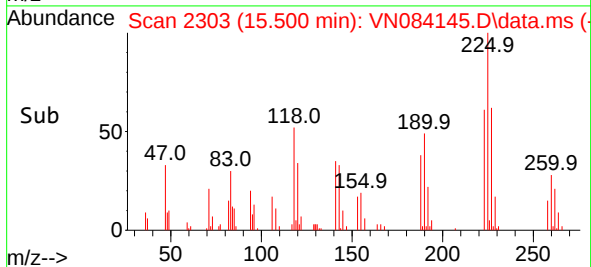
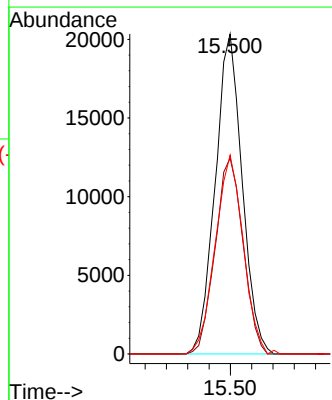
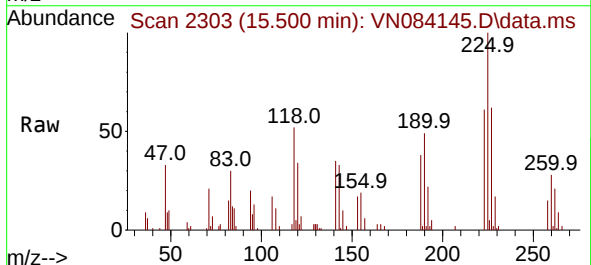
Tgt Ion:225 Resp: 35681

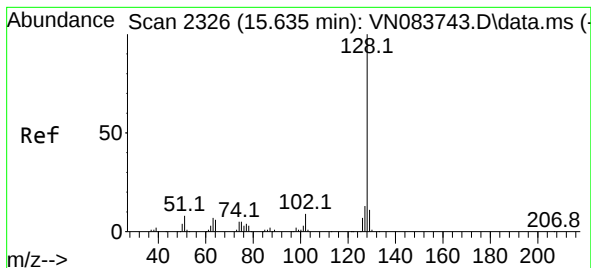
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.5

227 64.5 32.0 96.2





#95

Naphthalene

Concen: 43.366 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

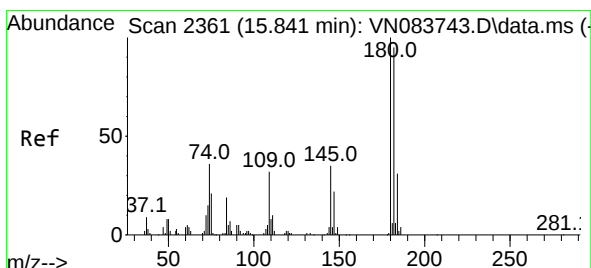
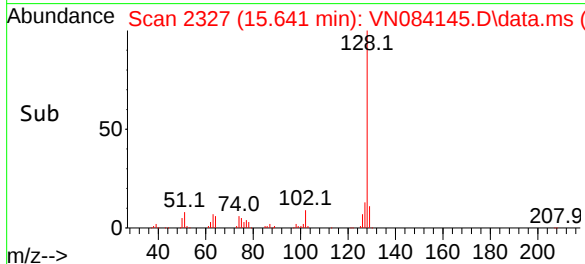
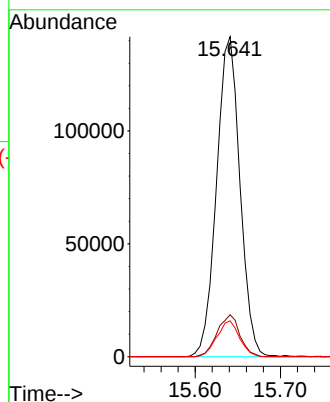
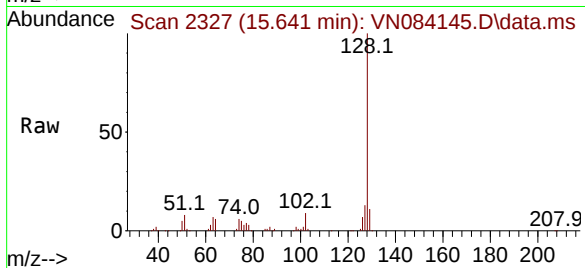
Tgt Ion:128 Resp: 270281

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 41.914 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084145.D

Acq: 24 Sep 2024 19:31

Tgt Ion:180 Resp: 82061

Ion Ratio Lower Upper

180 100

182 93.2 47.1 141.4

145 34.5 17.8 53.5

