

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082994.D
 Acq On : 19 Jul 2024 17:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	85039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	148910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	139868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70089	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	62708	52.604	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.200%
35) Dibromofluoromethane	8.171	113	49617	51.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.860%
50) Toluene-d8	10.565	98	183969	52.128	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.853	95	62011	48.916	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.840%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	53985	49.034	ug/l 96
3) Chloromethane	2.365	50	42691	40.888	ug/l 96
4) Vinyl Chloride	2.512	62	52120	47.530	ug/l 98
5) Bromomethane	2.936	94	25070	31.709	ug/l 91
6) Chloroethane	3.106	64	43885	58.483	ug/l 94
7) Trichlorofluoromethane	3.489	101	82709	52.442	ug/l 97
8) Diethyl Ether	3.965	74	27683	51.287	ug/l 85
9) 1,1,2-Trichlorotrifluo...	4.371	101	48983	54.875	ug/l 99
10) Methyl Iodide	4.589	142	30006	32.787	ug/l # 91
11) Tert butyl alcohol	5.530	59	46733	233.082	ug/l # 84
12) 1,1-Dichloroethene	4.342	96	44154	50.862	ug/l 90
13) Acrolein	4.183	56	36677	253.372	ug/l 97
14) Allyl chloride	5.024	41	64726	47.819	ug/l # 93
15) Acrylonitrile	5.718	53	129444	280.923	ug/l 99
16) Acetone	4.430	43	111283	265.150	ug/l 95
17) Carbon Disulfide	4.706	76	116105	44.758	ug/l 98
18) Methyl Acetate	5.024	43	71212	64.123	ug/l # 90
19) Methyl tert-butyl Ether	5.795	73	164905	55.069	ug/l 93
20) Methylene Chloride	5.271	84	54259	53.532	ug/l # 80
21) trans-1,2-Dichloroethene	5.783	96	48802	51.882	ug/l 84
22) Diisopropyl ether	6.671	45	166715	58.874	ug/l # 93
23) Vinyl Acetate	6.606	43	617897	274.768	ug/l # 93
24) 1,1-Dichloroethane	6.565	63	97414	56.713	ug/l 98
25) 2-Butanone	7.483	43	173762	274.193	ug/l # 89
26) 2,2-Dichloropropane	7.489	77	86482	54.151	ug/l 97
27) cis-1,2-Dichloroethene	7.483	96	59283	53.833	ug/l 91
28) Bromochloromethane	7.818	49	43122	58.520	ug/l # 82
29) Tetrahydrofuran	7.841	42	111674	279.911	ug/l # 84
30) Chloroform	7.971	83	107011	58.725	ug/l 98
31) Cyclohexane	8.259	56	71865	46.112	ug/l 92
32) 1,1,1-Trichloroethane	8.171	97	94094	55.616	ug/l 97
36) 1,1-Dichloropropene	8.371	75	71158	54.014	ug/l 99
37) Ethyl Acetate	7.565	43	71676	53.440	ug/l # 95
38) Carbon Tetrachloride	8.359	117	81643	51.471	ug/l 99
39) Methylcyclohexane	9.600	83	67997	47.783	ug/l 92
40) Benzene	8.606	78	219593	54.188	ug/l 99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	39074	54.076	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	80538	55.206	ug/l	97
43) Isopropyl Acetate	8.688	43	128194	50.733	ug/l #	94
44) Trichloroethene	9.353	130	51446	49.553	ug/l	95
45) 1,2-Dichloropropane	9.624	63	54414	57.515	ug/l	95
46) Dibromomethane	9.712	93	40906	55.500	ug/l	99
47) Bromodichloromethane	9.888	83	86057	56.508	ug/l	97
48) Methyl methacrylate	9.682	41	57705	54.869	ug/l #	86
49) 1,4-Dioxane	9.700	88	22705	992.317	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	391697	294.579	ug/l	95
52) Toluene	10.629	92	140709	55.585	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	87084	55.508	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	89395	53.832	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	55084	59.176	ug/l	98
56) Ethyl methacrylate	10.877	69	87150	60.178	ug/l	87
57) 1,3-Dichloropropane	11.165	76	94580	57.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	224909	302.656	ug/l	97
59) 2-Hexanone	11.194	43	291902	295.269	ug/l	94
60) Dibromochloromethane	11.359	129	66516	56.103	ug/l	99
61) 1,2-Dibromoethane	11.471	107	54466	55.098	ug/l	99
64) Tetrachloroethene	11.106	164	47529	45.547	ug/l	96
65) Chlorobenzene	11.894	112	157010	52.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	57778	54.197	ug/l	99
67) Ethyl Benzene	11.965	91	268925	53.387	ug/l	98
68) m/p-Xylenes	12.071	106	209985	110.415	ug/l	97
69) o-Xylene	12.400	106	100336	55.062	ug/l	96
70) Styrene	12.412	104	178545	59.300	ug/l	97
71) Bromoform	12.582	173	45238	53.957	ug/l #	99
73) Isopropylbenzene	12.694	105	253835	49.840	ug/l	99
74) N-amyl acetate	12.494	43	111714	53.029	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	82481	54.075	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	107199	88.713	ug/l	40
77) Bromobenzene	12.982	156	63642	48.438	ug/l	95
78) n-propylbenzene	13.035	91	302802	51.710	ug/l	99
79) 2-Chlorotoluene	13.123	91	184817	49.535	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	212115	51.525	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	29069	47.312	ug/l	92
82) 4-Chlorotoluene	13.223	91	184504	49.961	ug/l	96
83) tert-Butylbenzene	13.441	119	182065	49.885	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	219523	52.318	ug/l	98
85) sec-Butylbenzene	13.618	105	251509	50.995	ug/l	99
86) p-Isopropyltoluene	13.729	119	210972	51.270	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	117627	49.558	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	116313	47.385	ug/l	99
89) n-Butylbenzene	14.059	91	175962	49.914	ug/l	100
90) Hexachloroethane	14.335	117	41220	47.342	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	116002	50.336	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16617	47.090	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	55878	45.014	ug/l	99
94) Hexachlorobutadiene	15.500	225	23183	42.128	ug/l	98
95) Naphthalene	15.641	128	200907	47.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	58017	45.456	ug/l	97

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QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

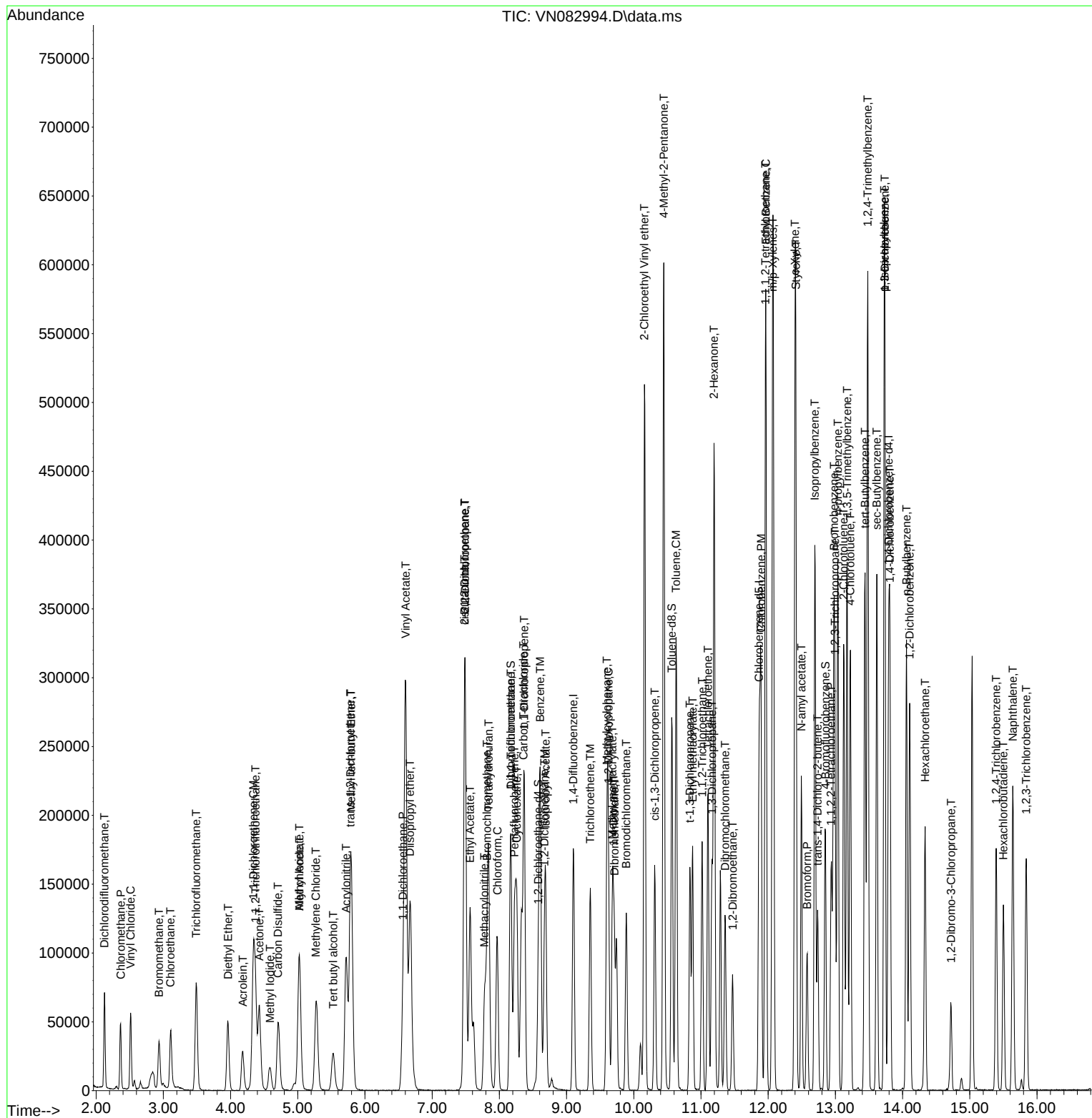
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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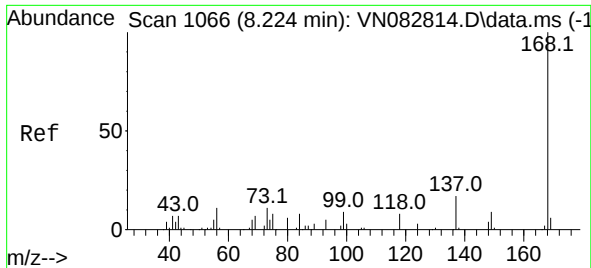
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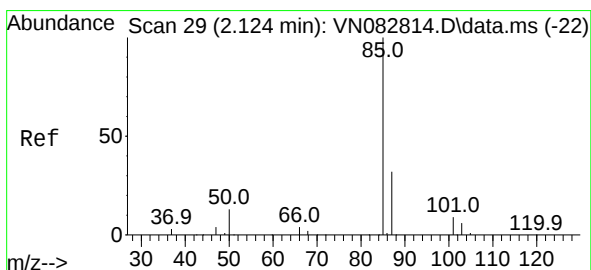
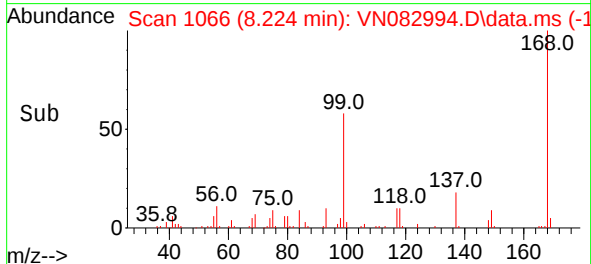
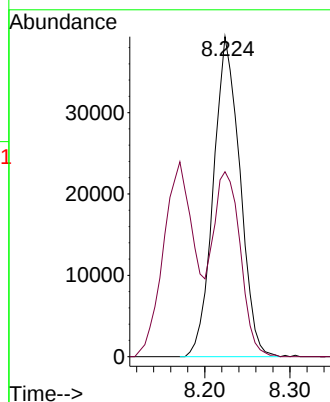
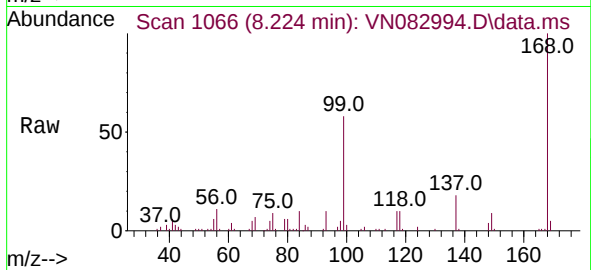




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082994.D
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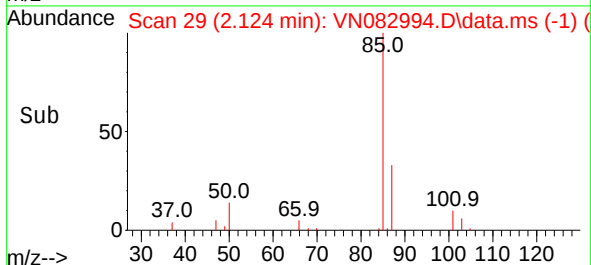
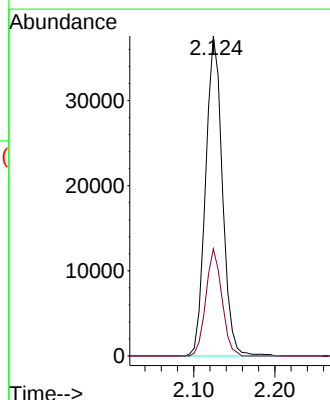
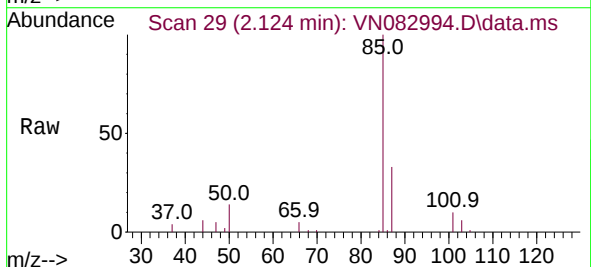
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MSVOA_N
ClientSampleId :

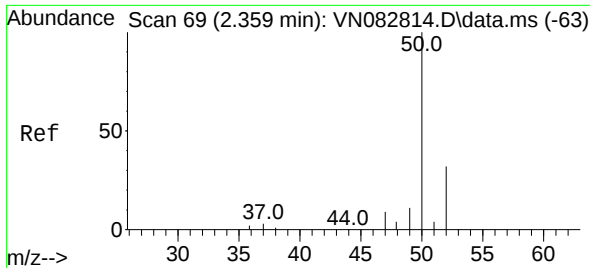
Tgt Ion:168 Resp: 85039
Ion Ratio Lower Upper
168 100
99 57.8 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 49.034 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 85 Resp: 53985
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0

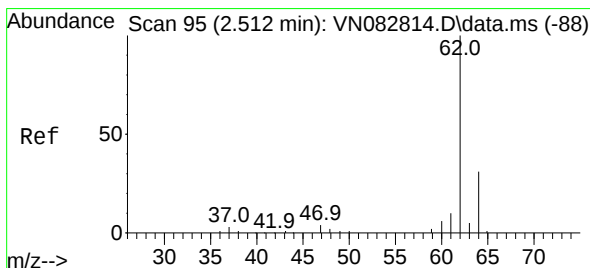
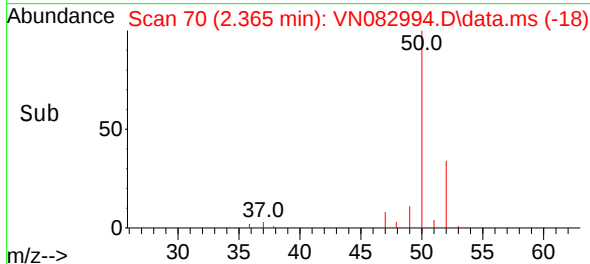
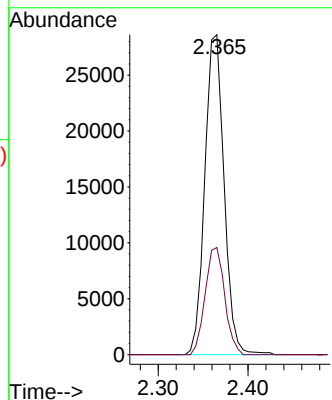
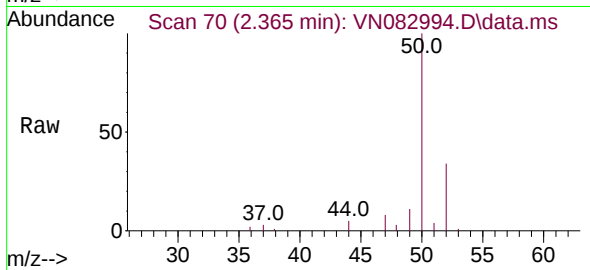




#3
Chloromethane
Concen: 40.888 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

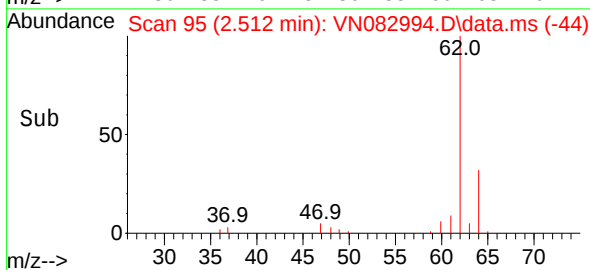
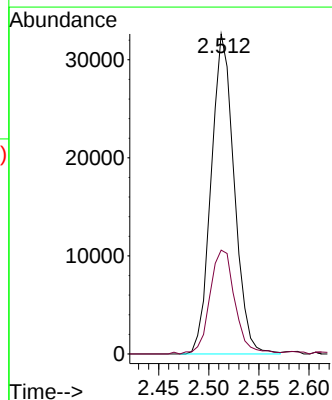
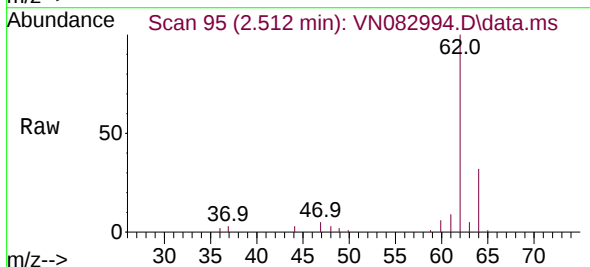
Instrument :
MSVOA_N
ClientSampleId :

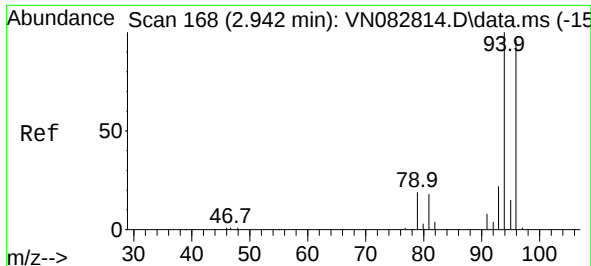
Tgt Ion: 50 Resp: 42691
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4



#4
Vinyl Chloride
Concen: 47.530 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 62 Resp: 52120
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6





#5

Bromomethane

Concen: 31.709 ug/l

RT: 2.936 min Scan# 1

Delta R.T. -0.011 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

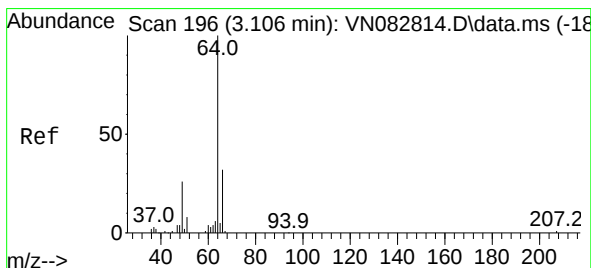
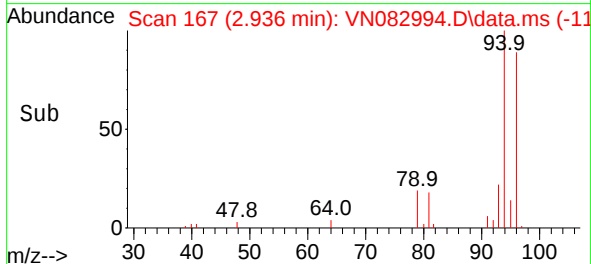
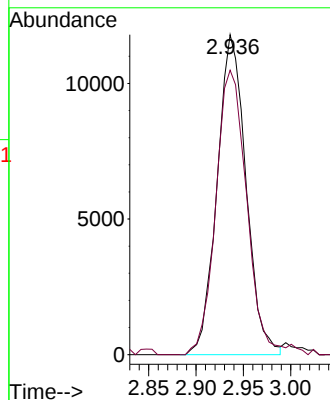
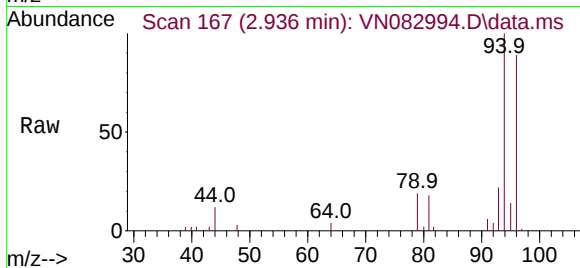
ClientSampleId :

Tgt Ion: 94 Resp: 25070

Ion Ratio Lower Upper

94 100

96 88.9 78.0 117.0



#6

Chloroethane

Concen: 58.483 ug/l

RT: 3.106 min Scan# 196

Delta R.T. -0.006 min

Lab File: VN082994.D

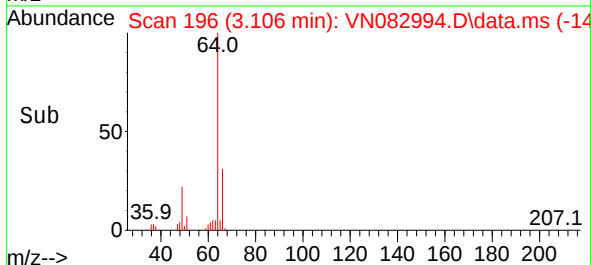
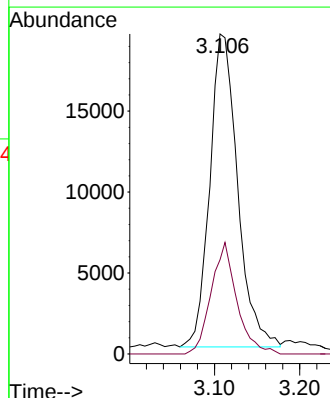
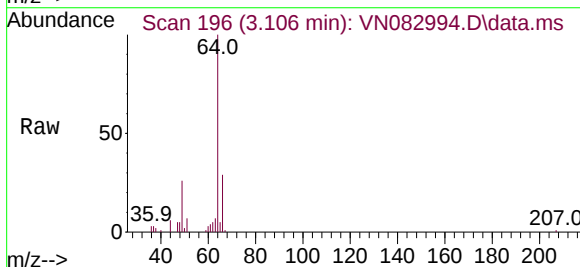
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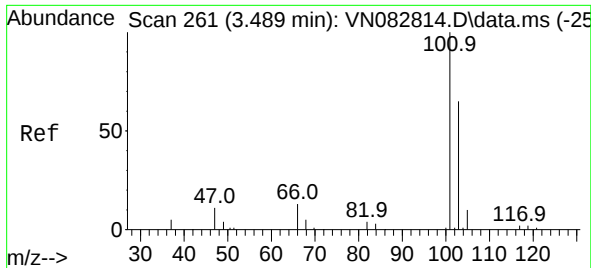
Tgt Ion: 64 Resp: 43885

Ion Ratio Lower Upper

64 100

66 30.1 26.6 40.0

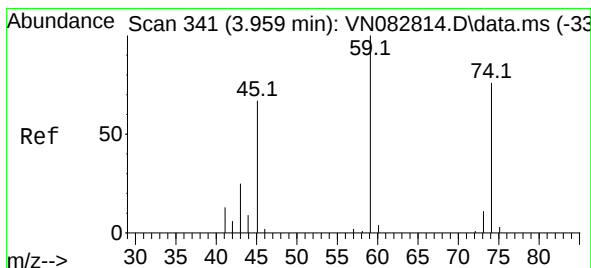
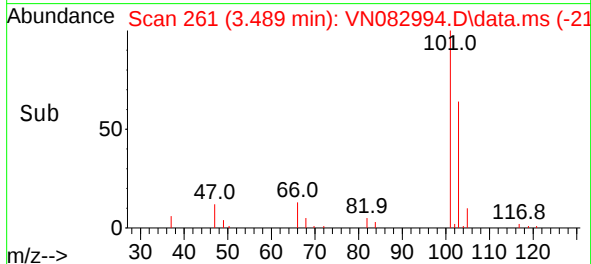
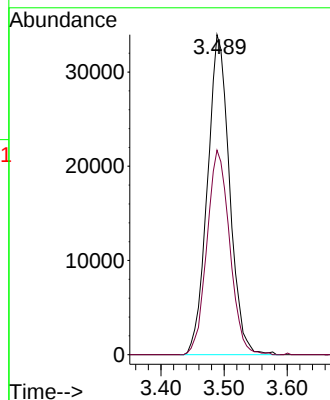
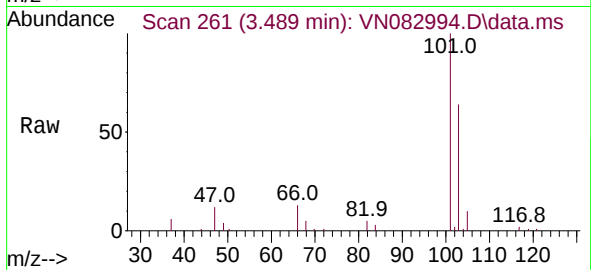




#7
Trichlorofluoromethane
Concen: 52.442 ug/l
RT: 3.489 min Scan# 20
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

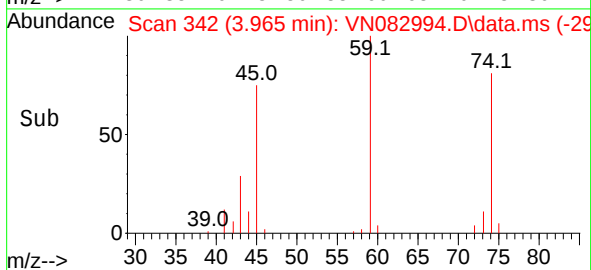
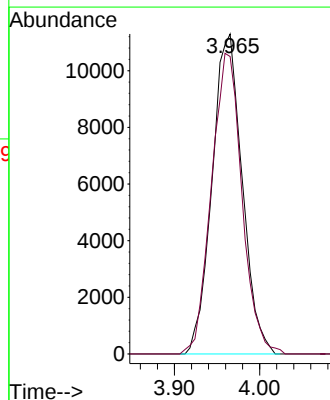
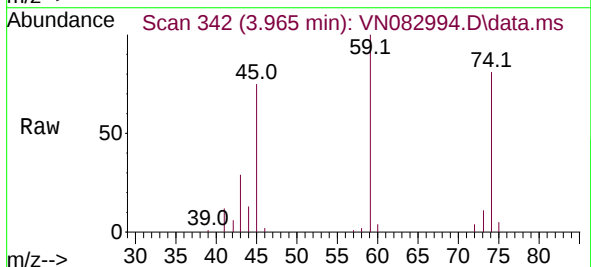
Instrument :
MSVOA_N
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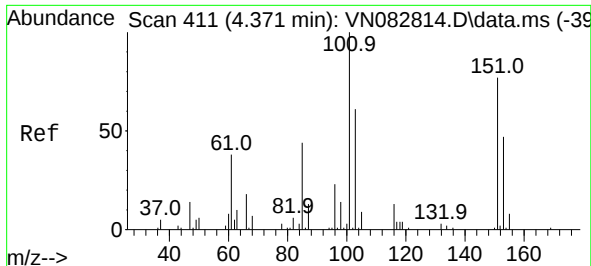
Tgt Ion:101 Resp: 82709
Ion Ratio Lower Upper
101 100
103 63.9 52.7 79.1



#8
Diethyl Ether
Concen: 51.287 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 74 Resp: 27683
Ion Ratio Lower Upper
74 100
45 95.4 55.5 166.3

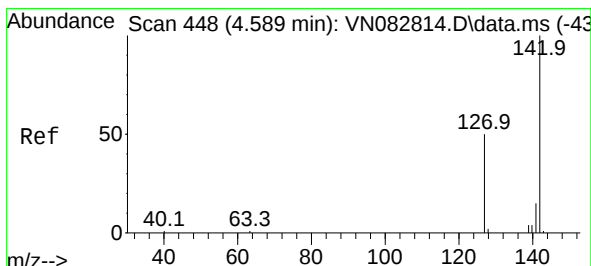
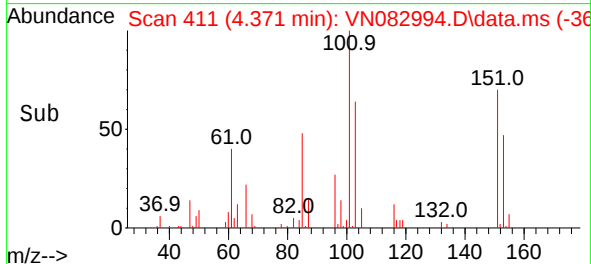
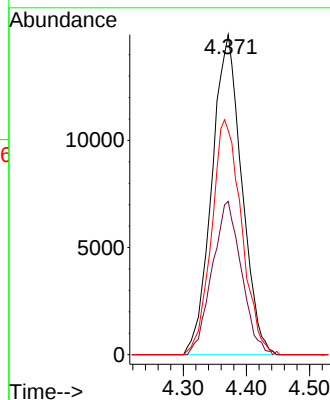
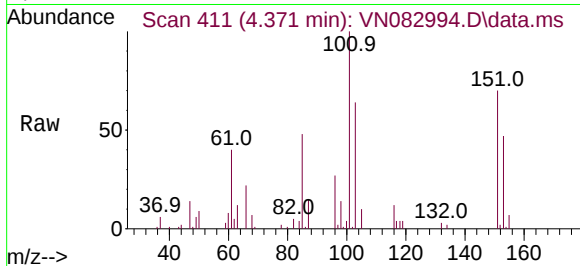




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.875 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

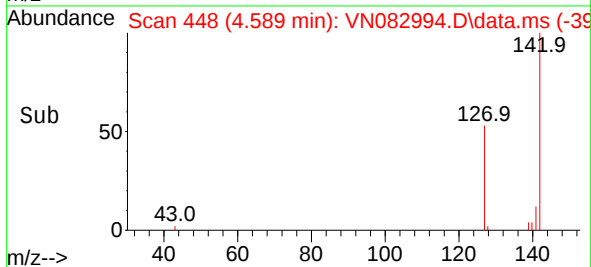
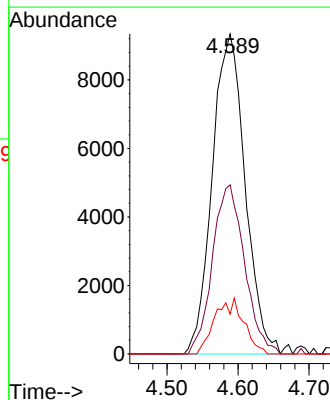
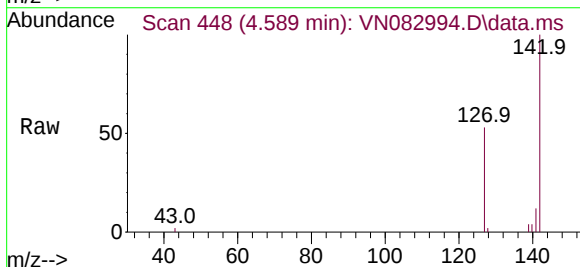
Instrument :
MSVOA_N
ClientSampleId :

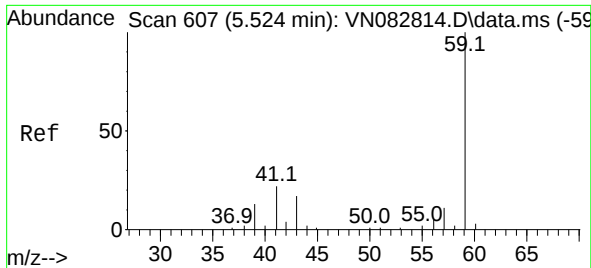
Tgt Ion:101 Resp: 48983
Ion Ratio Lower Upper
101 100
85 47.1 38.3 57.5
151 73.6 59.3 88.9



#10
Methyl Iodide
Concen: 32.787 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion:142 Resp: 30006
Ion Ratio Lower Upper
142 100
127 52.8 37.5 56.3
141 12.4 13.1 19.7#

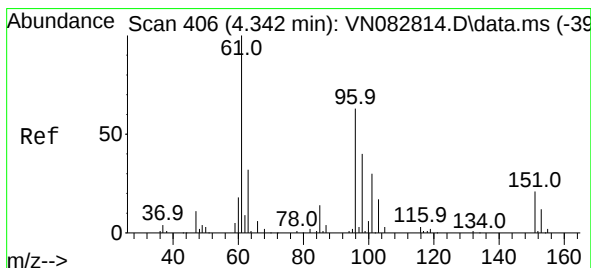
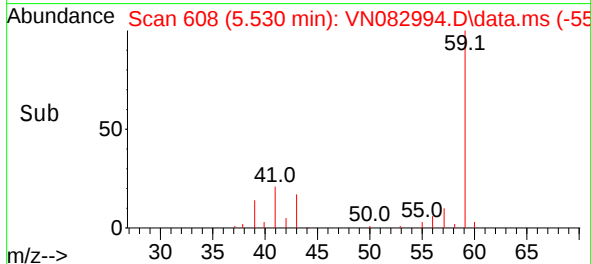
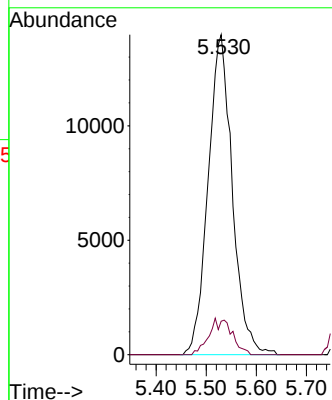
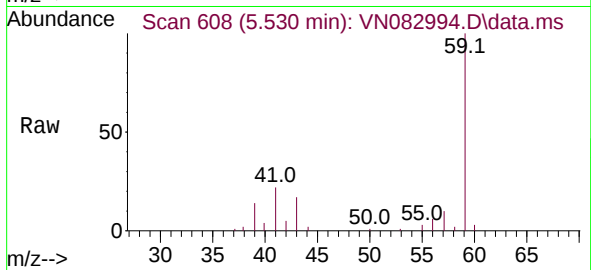




#11
Tert butyl alcohol
Concen: 233.082 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

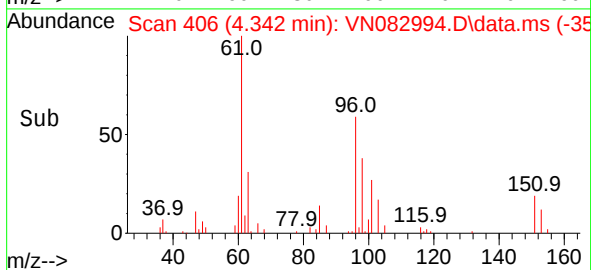
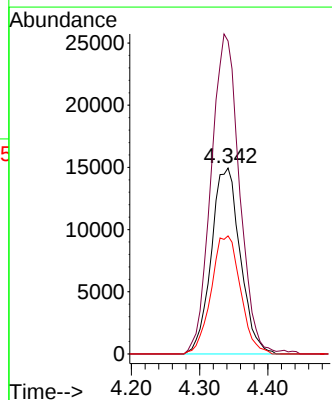
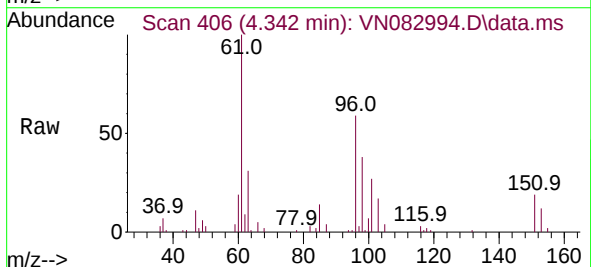
Instrument :
MSVOA_N
ClientSampleId :

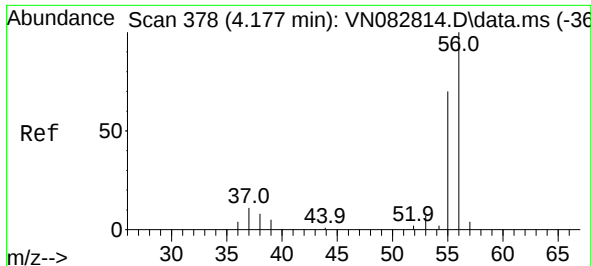
Tgt Ion: 59 Resp: 46733
Ion Ratio Lower Upper
59 100
57 4.9 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 50.862 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 96 Resp: 44154
Ion Ratio Lower Upper
96 100
61 168.4 149.7 224.5
98 63.5 50.1 75.1





#13

Acrolein

Concen: 253.372 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

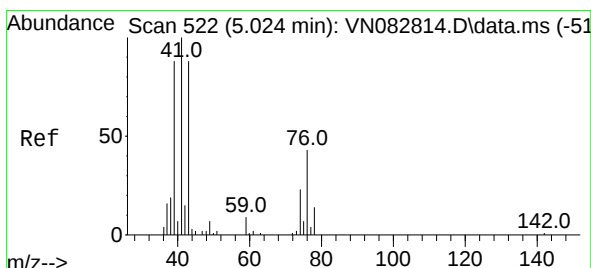
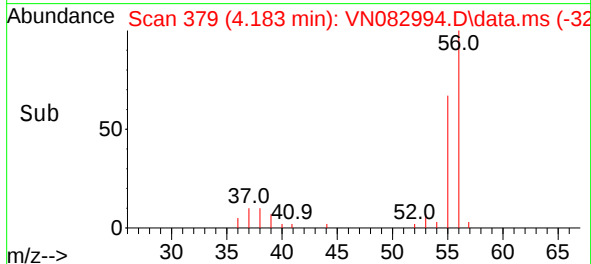
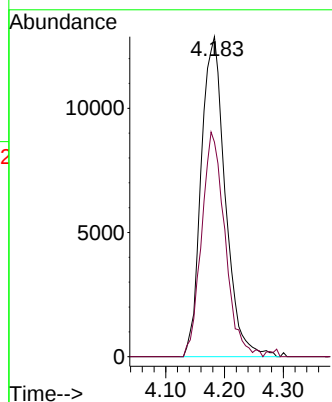
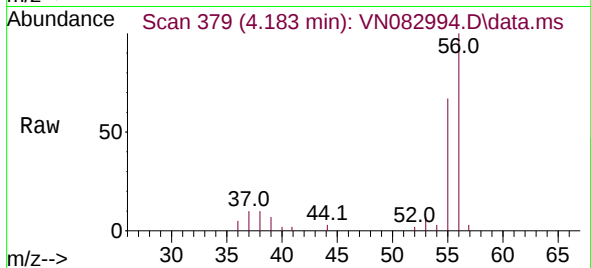
ClientSampleId :

Tgt Ion: 56 Resp: 36677

Ion Ratio Lower Upper

56 100

55 68.3 56.4 84.6



#14

Allyl chloride

Concen: 47.819 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

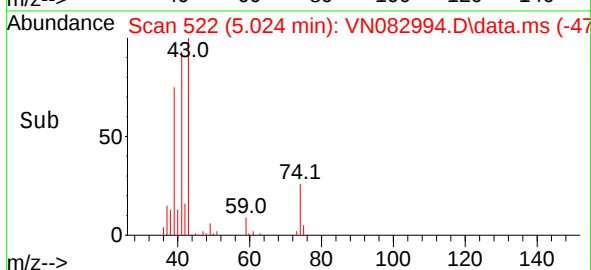
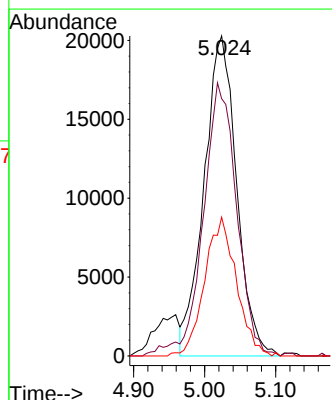
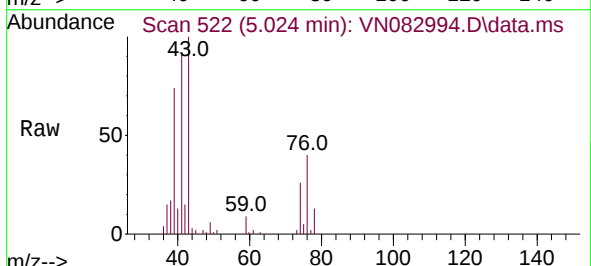
Tgt Ion: 41 Resp: 64726

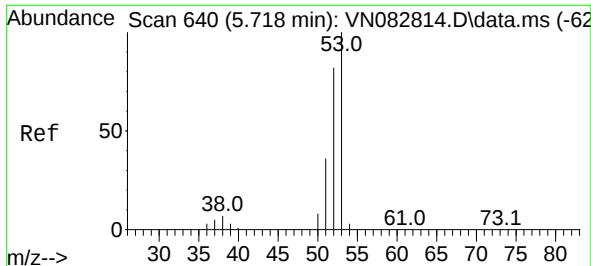
Ion Ratio Lower Upper

41 100

39 87.6 67.8 101.6

76 42.2 25.8 38.8#

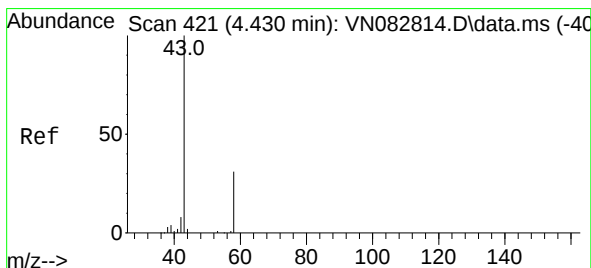
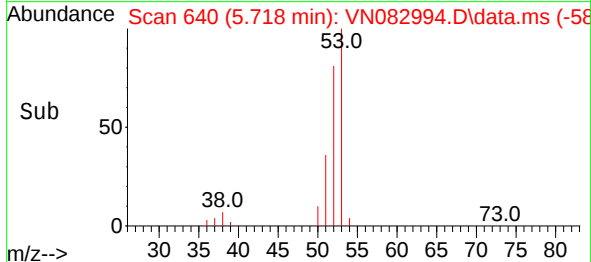
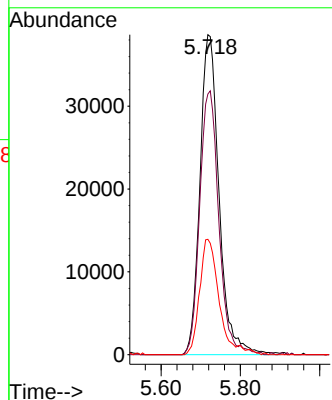
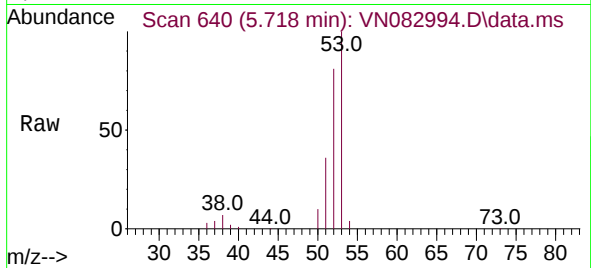




#15
Acrylonitrile
Concen: 280.923 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

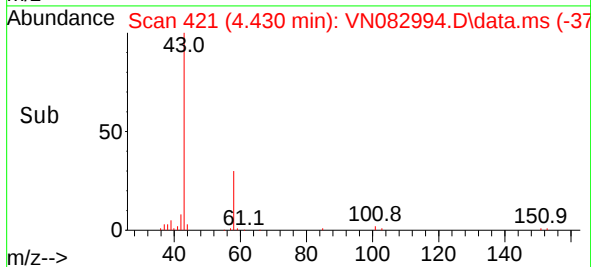
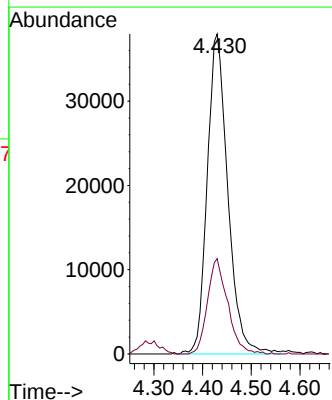
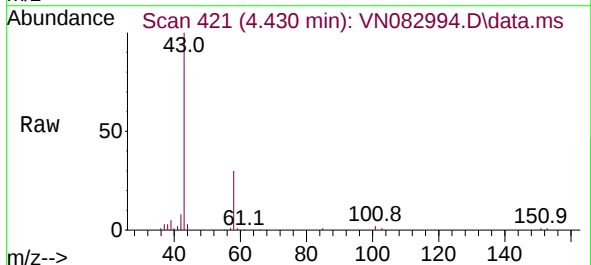
Instrument :
MSVOA_N
ClientSampleId :

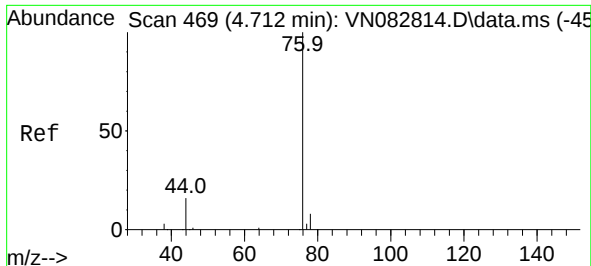
Tgt Ion: 53 Resp: 129444
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 36.9 30.1 45.1



#16
Acetone
Concen: 265.150 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 43 Resp: 111283
Ion Ratio Lower Upper
43 100
58 29.8 21.8 32.6

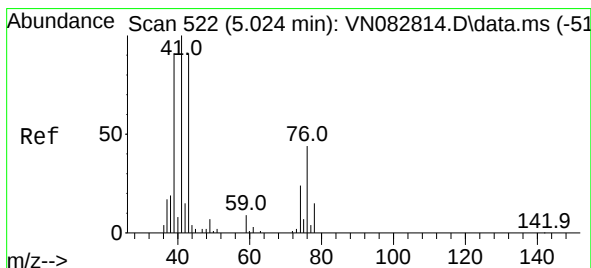
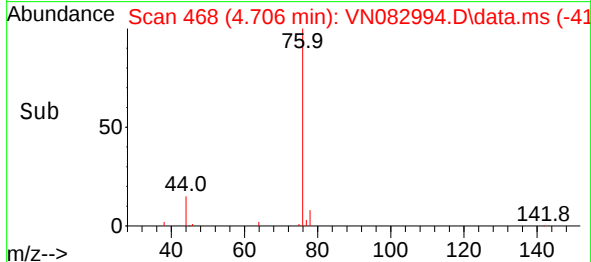
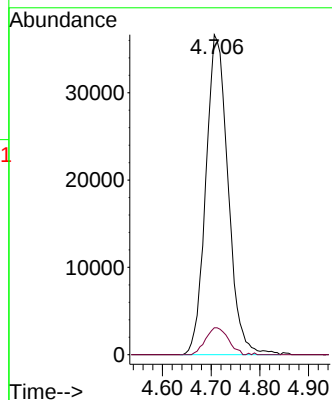
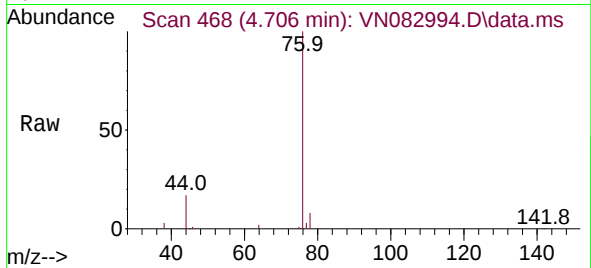




#17
Carbon Disulfide
Concen: 44.758 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

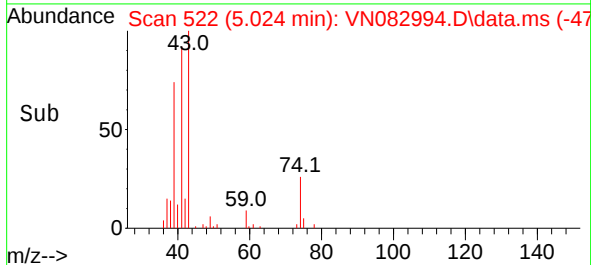
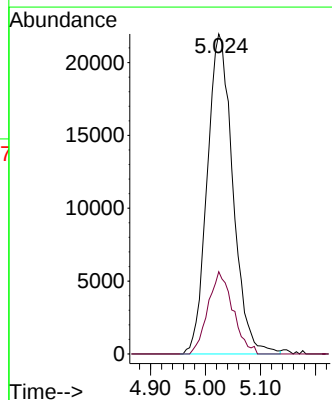
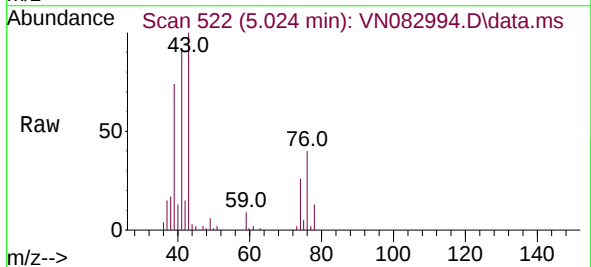
Instrument :
MSVOA_N
ClientSampleId :

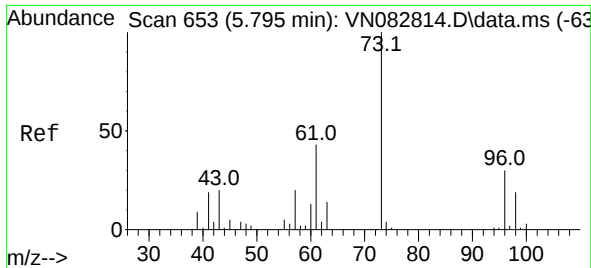
Tgt Ion: 76 Resp: 116105
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 64.123 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 43 Resp: 71212
Ion Ratio Lower Upper
43 100
74 24.9 16.3 24.5#





#19

Methyl tert-butyl Ether

Concen: 55.069 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

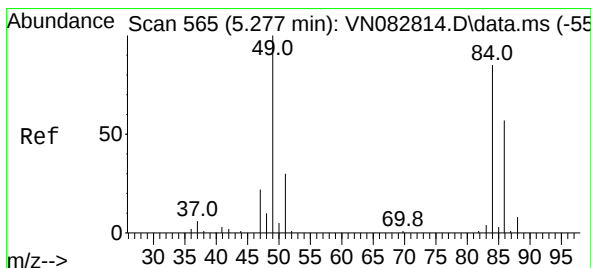
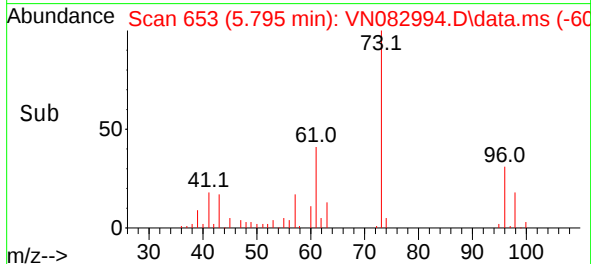
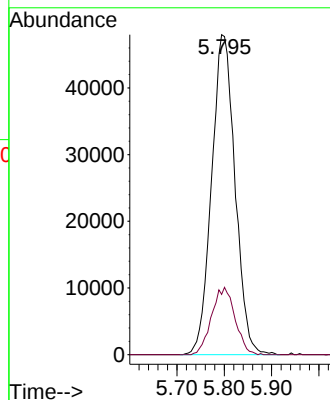
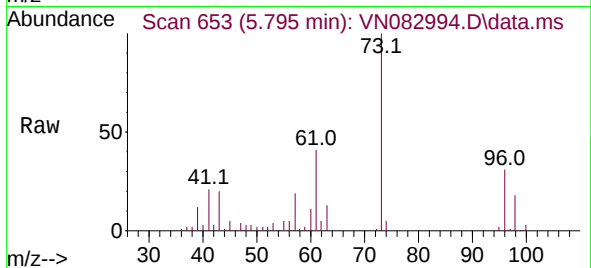
ClientSampleId :

Tgt Ion: 73 Resp: 164905

Ion Ratio Lower Upper

73 100

57 18.8 17.9 26.9



#20

Methylene Chloride

Concen: 53.532 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Tgt Ion: 84 Resp: 54259

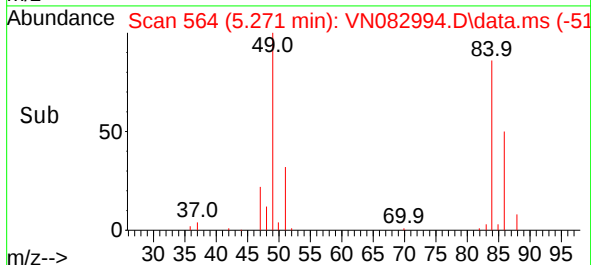
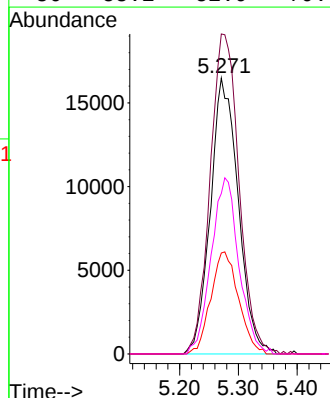
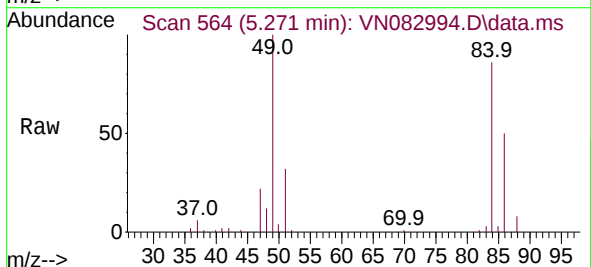
Ion Ratio Lower Upper

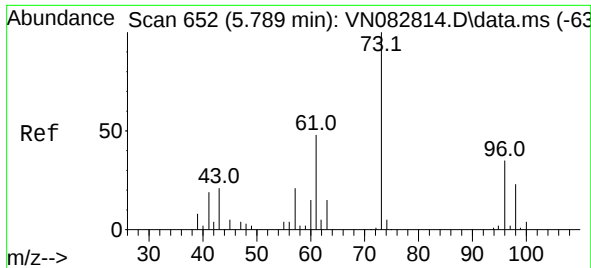
84 100

49 116.0 119.6 179.4#

51 36.6 34.8 52.2

86 58.2 52.9 79.3

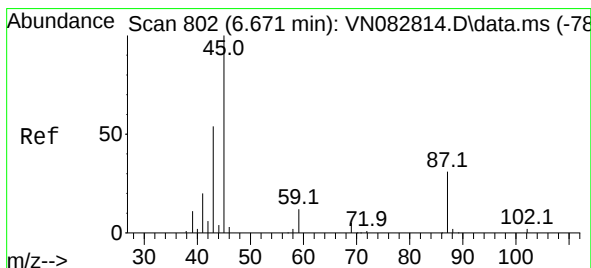
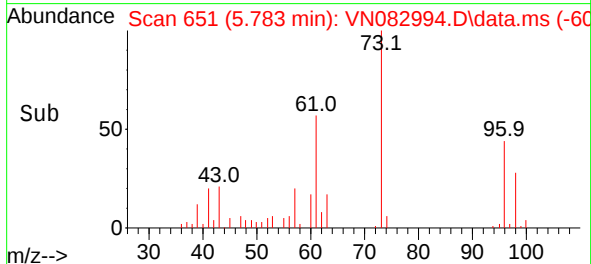
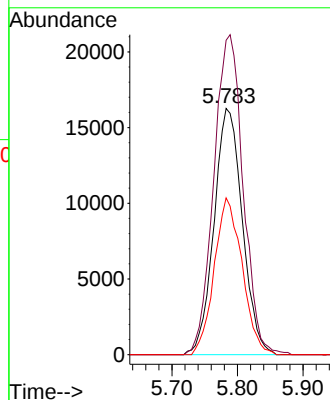
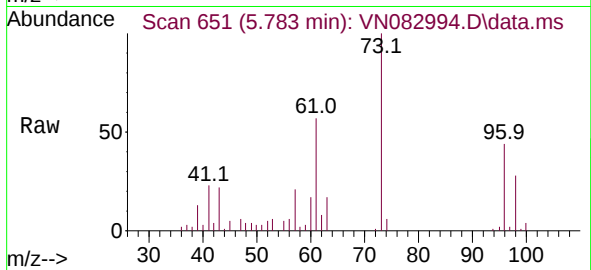




#21
trans-1,2-Dichloroethene
Concen: 51.882 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

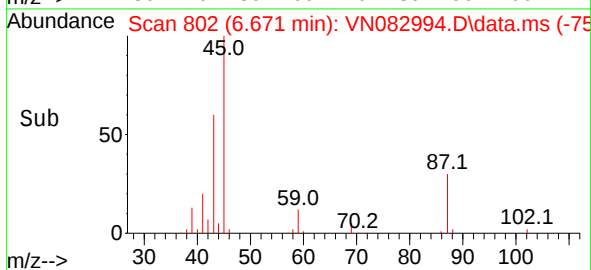
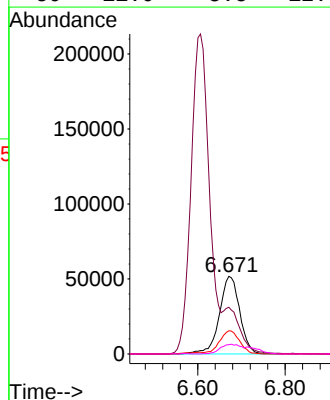
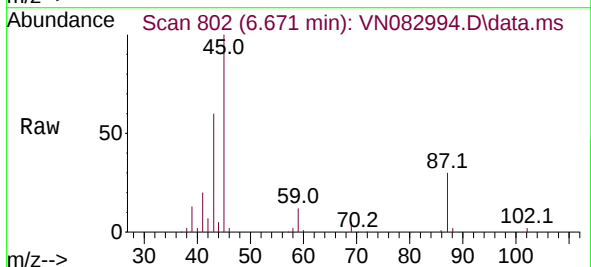
Instrument :
MSVOA_N
ClientSampleId :

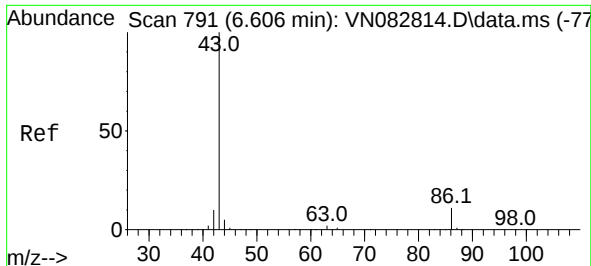
Tgt Ion: 96 Resp: 48802
Ion Ratio Lower Upper
96 100
61 127.7 123.4 185.2
98 63.7 49.3 73.9



#22
Diisopropyl ether
Concen: 58.874 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 45 Resp: 166715
Ion Ratio Lower Upper
45 100
43 59.5 44.0 66.0
87 29.9 19.7 29.5#
59 11.9 8.5 12.7

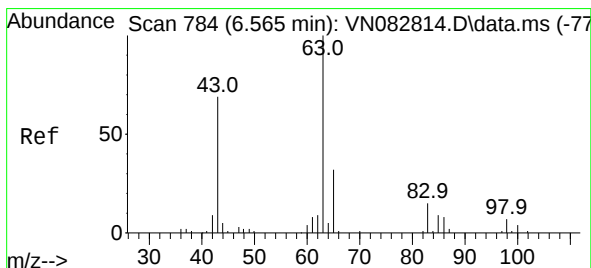
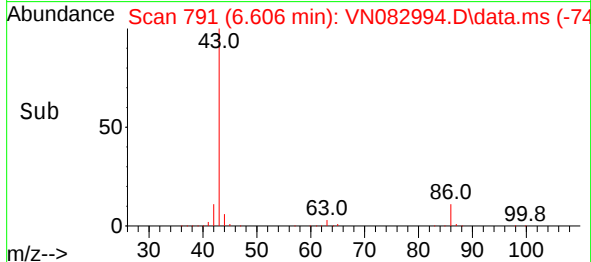
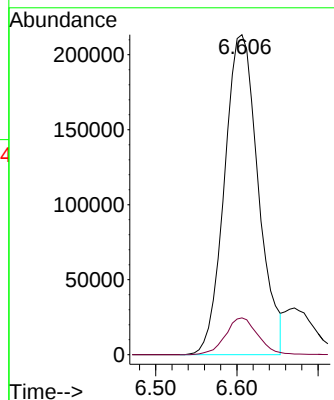
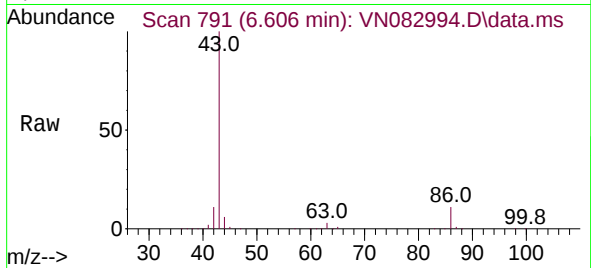




#23
 Vinyl Acetate
 Concen: 274.768 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

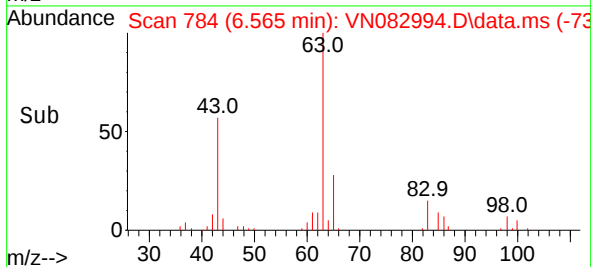
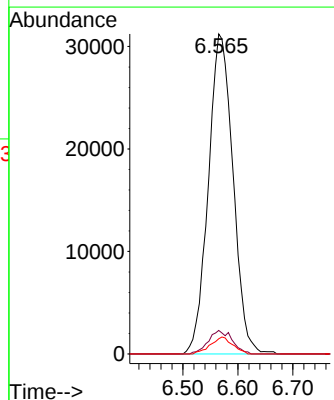
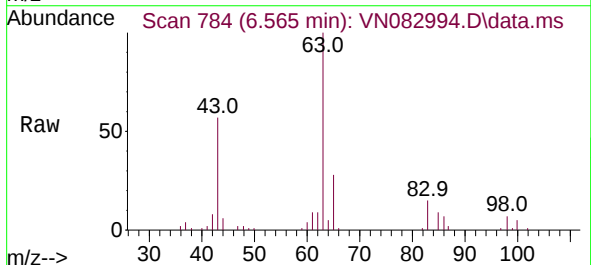
Instrument :
 MSVOA_N
 ClientSampleId :

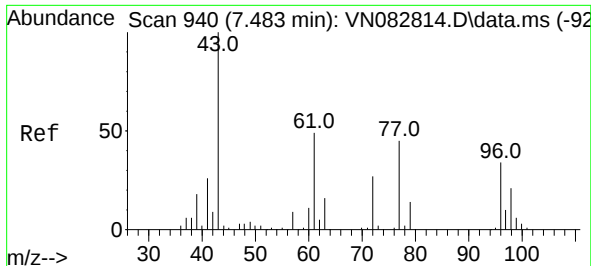
Tgt Ion: 43 Resp: 617897
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 56.713 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

Tgt Ion: 63 Resp: 97414
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 274.193 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.005 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

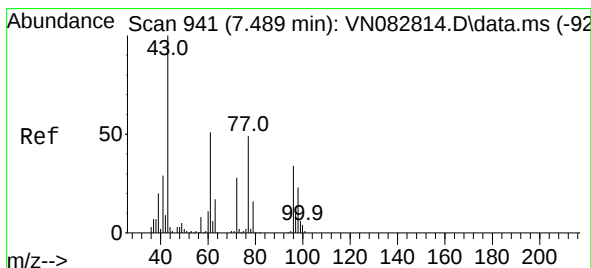
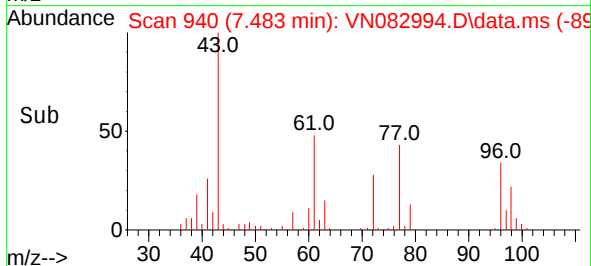
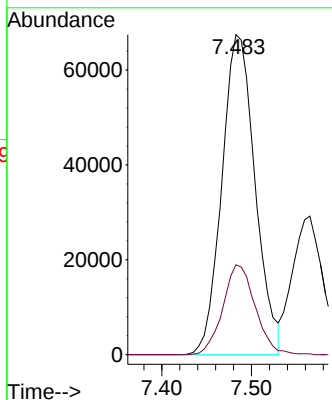
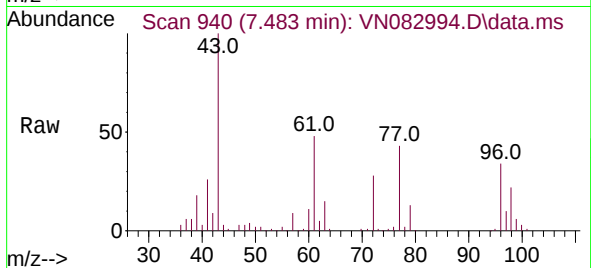
ClientSampleId :

Tgt Ion: 43 Resp: 173762

Ion Ratio Lower Upper

43 100

72 28.1 18.2 27.2#



#26

2,2-Dichloropropane

Concen: 54.151 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN082994.D

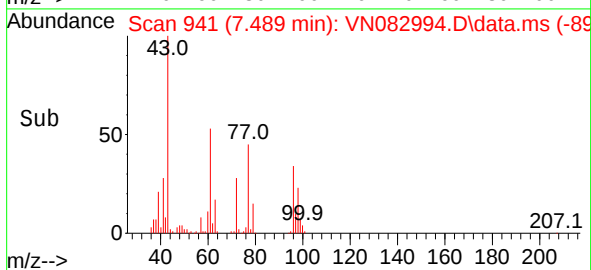
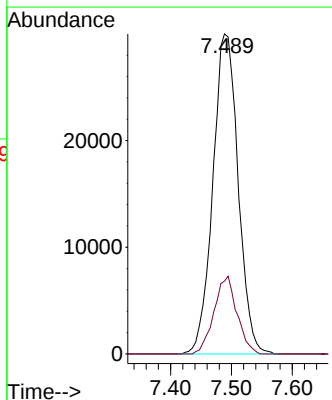
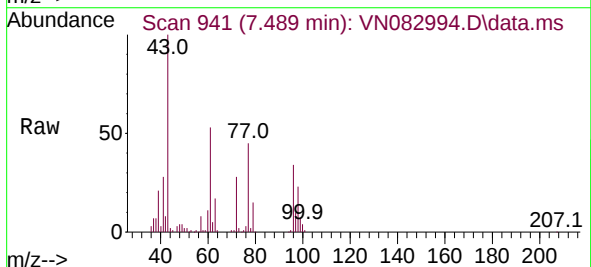
Acq: 19 Jul 2024 17:23

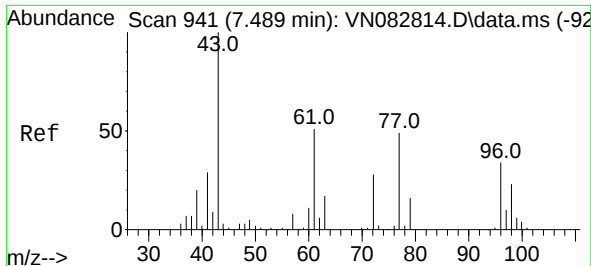
Tgt Ion: 77 Resp: 86482

Ion Ratio Lower Upper

77 100

97 22.0 10.3 30.9

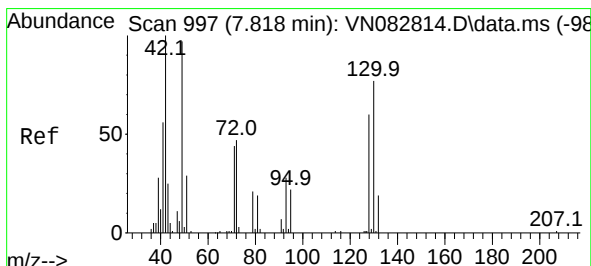
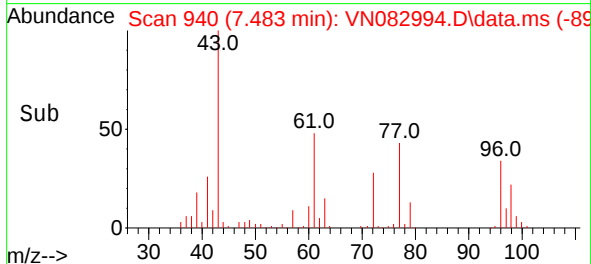
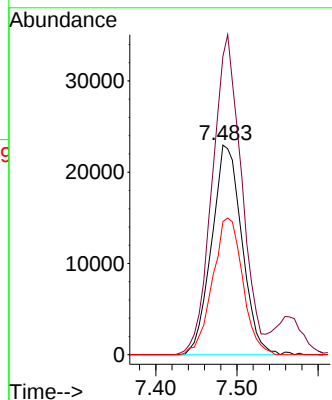
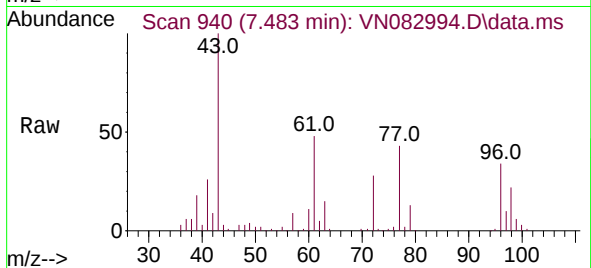




#27
cis-1,2-Dichloroethene
Concen: 53.833 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

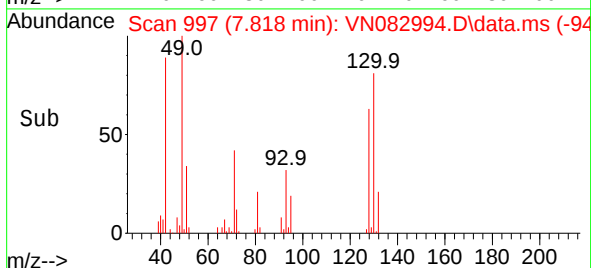
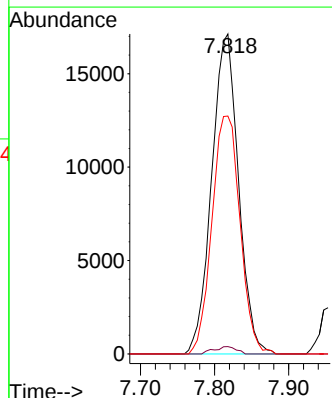
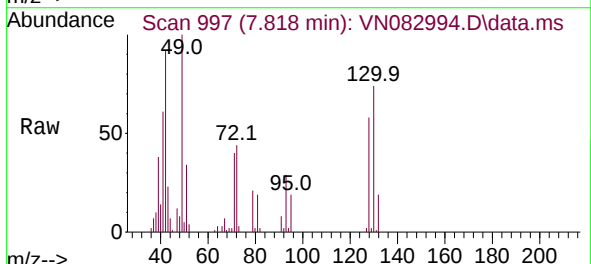
Instrument :
MSVOA_N
ClientSampleId :

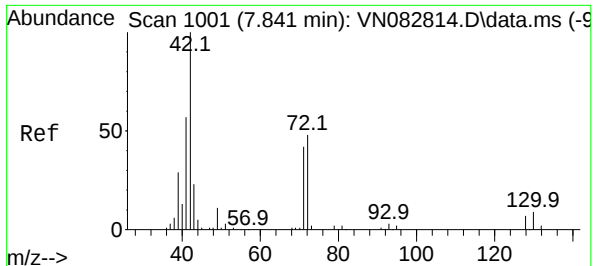
Tgt Ion: 96 Resp: 59283
Ion Ratio Lower Upper
96 100
61 148.5 0.0 329.6
98 65.3 0.0 128.6



#28
Bromochloromethane
Concen: 58.520 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 49 Resp: 43122
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 77.7 50.5 75.7#

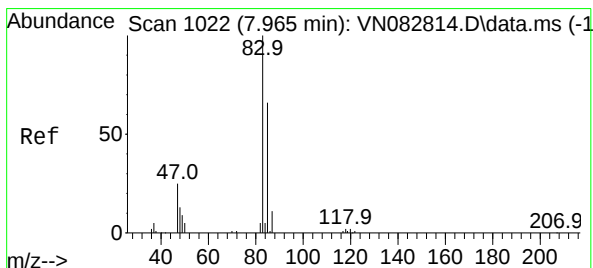
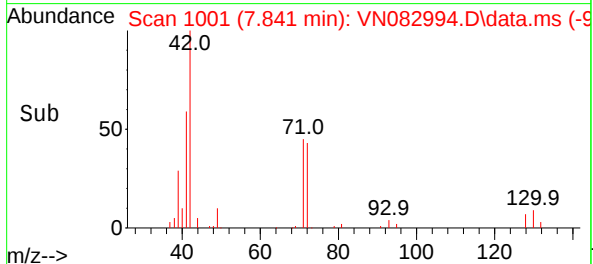
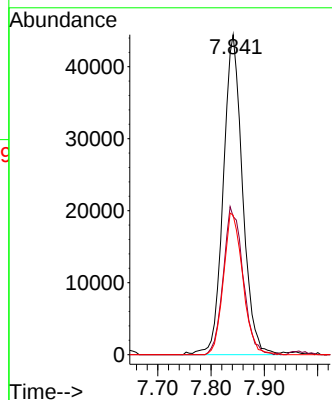
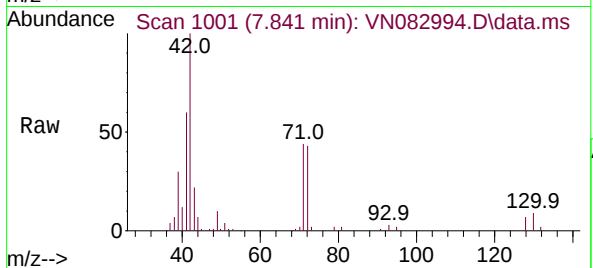




#29
Tetrahydrofuran
Concen: 279.911 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

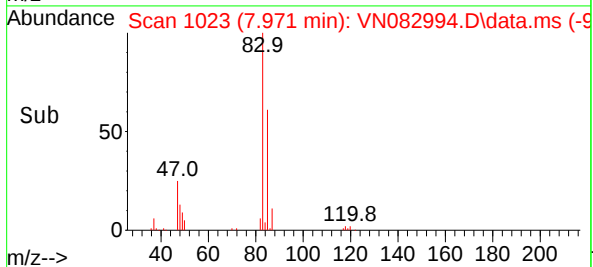
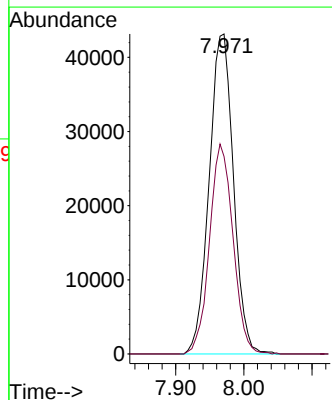
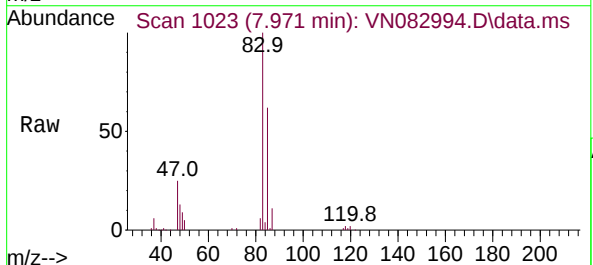
Instrument :
MSVOA_N
ClientSampleId :

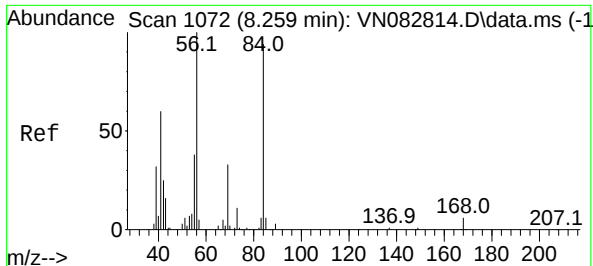
Tgt Ion: 42 Resp: 111674
Ion Ratio Lower Upper
42 100
72 47.1 30.0 45.0#
71 44.5 28.3 42.5#



#30
Chloroform
Concen: 58.725 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 83 Resp: 107011
Ion Ratio Lower Upper
83 100
85 61.7 50.9 76.3

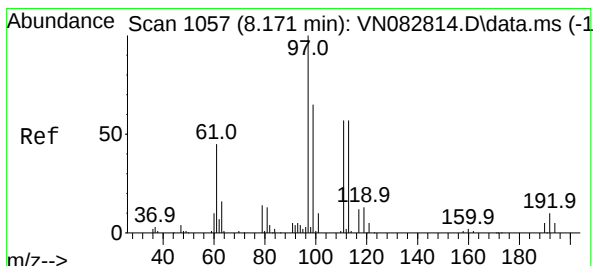
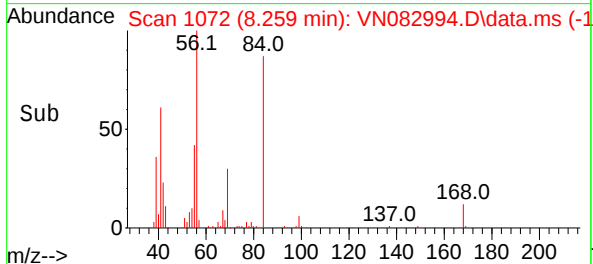
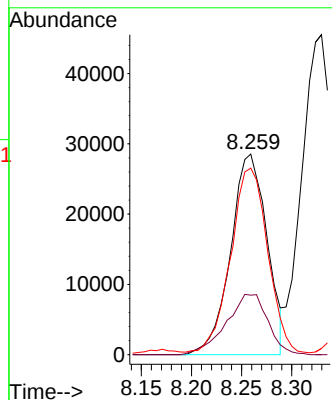
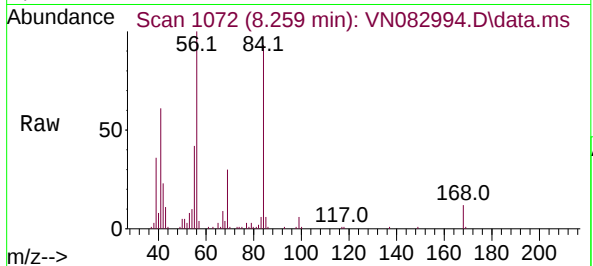




#31
Cyclohexane
Concen: 46.112 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

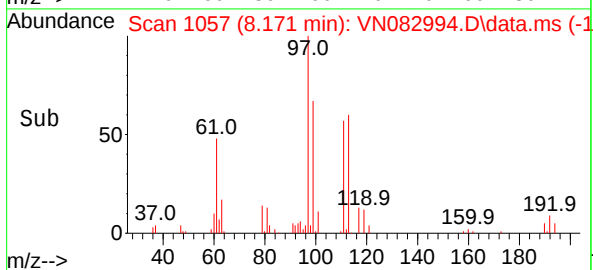
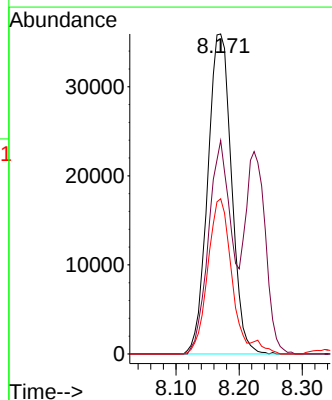
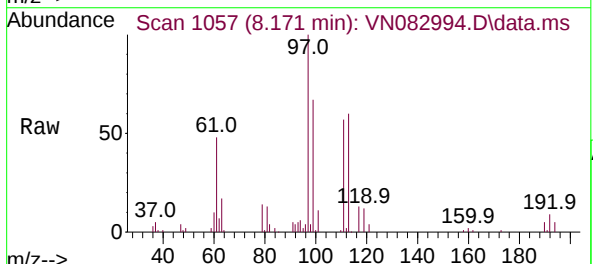
Instrument :
MSVOA_N
ClientSampleId :

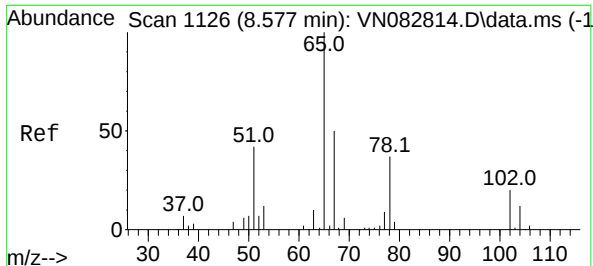
Tgt Ion: 56 Resp: 71865
Ion Ratio Lower Upper
56 100
69 29.6 24.5 36.7
84 91.6 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 55.616 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 97 Resp: 94094
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 47.8 42.1 63.1

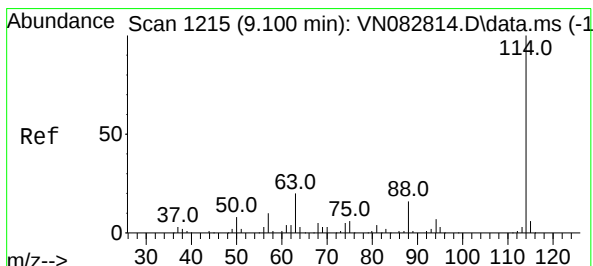
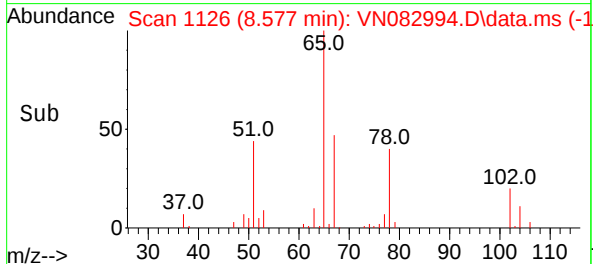
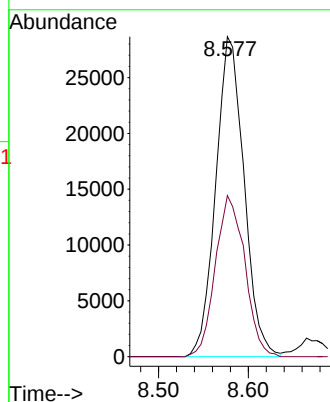
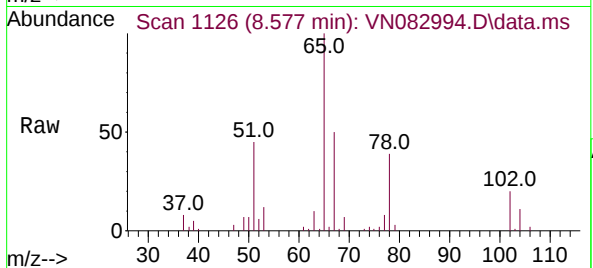




#33
 1,2-Dichloroethane-d4
 Concen: 52.604 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

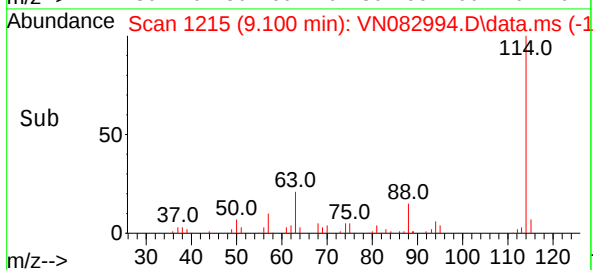
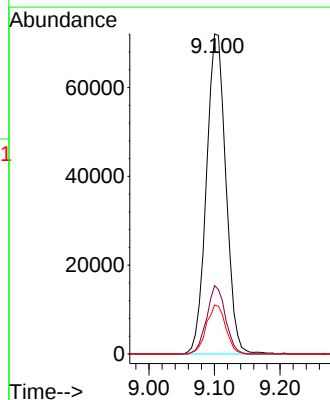
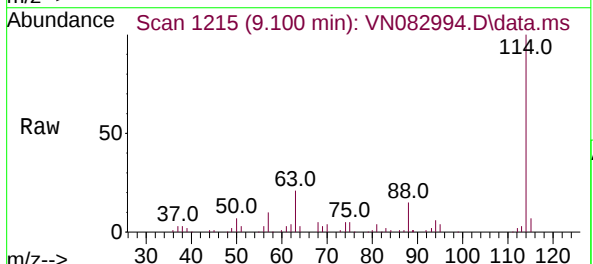
Instrument :
 MSVOA_N
 ClientSampleId :

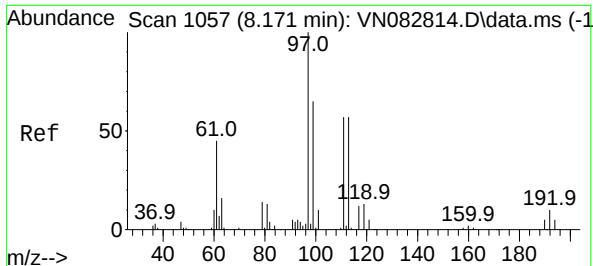
Tgt Ion: 65 Resp: 62708
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

Tgt Ion: 114 Resp: 148910
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.6
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.927 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

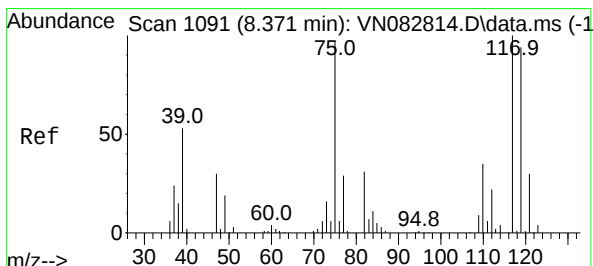
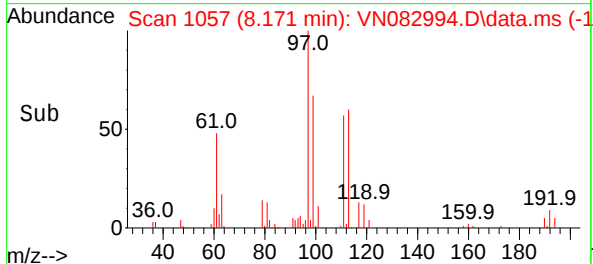
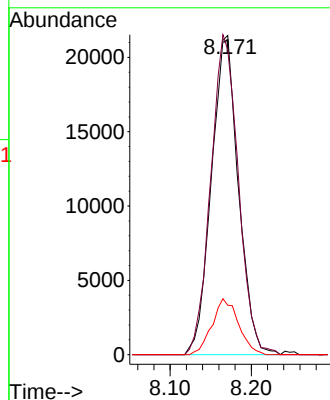
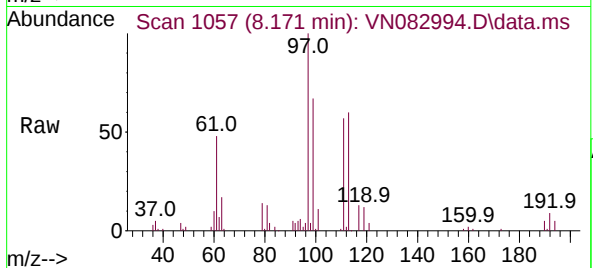
Tgt Ion:113 Resp: 49617

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 54.014 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

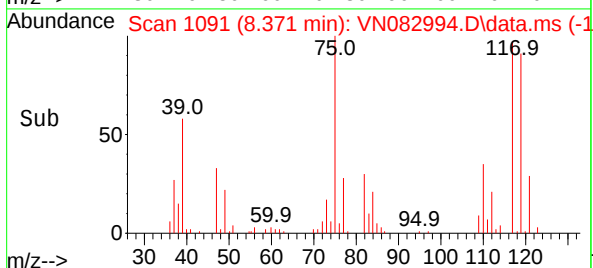
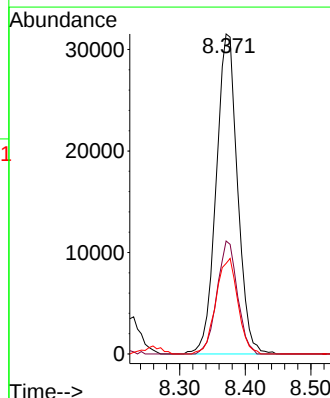
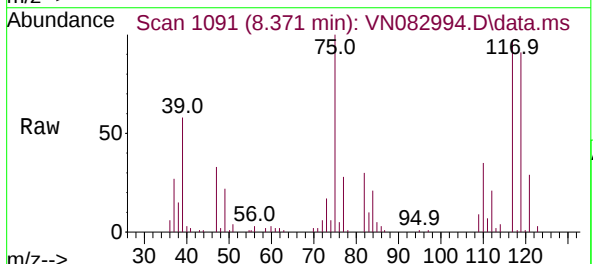
Tgt Ion: 75 Resp: 71158

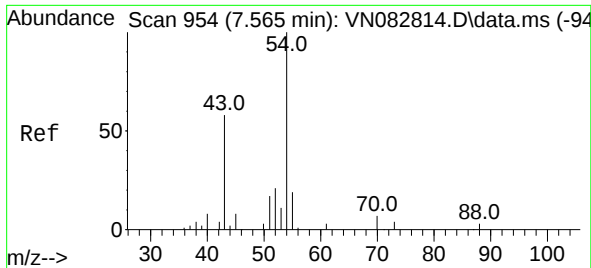
Ion Ratio Lower Upper

75 100

110 33.7 16.3 48.9

77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 53.440 ug/l

RT: 7.565 min Scan# 954

Delta R.T. -0.000 min

Lab File: VN082994.D

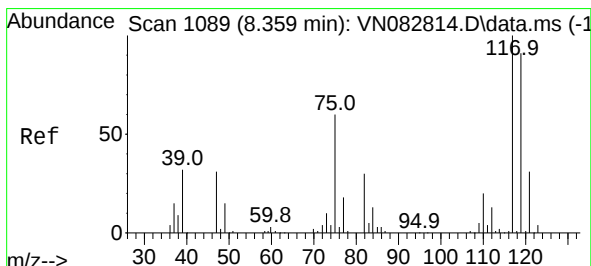
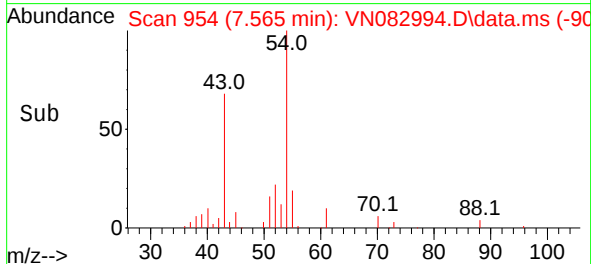
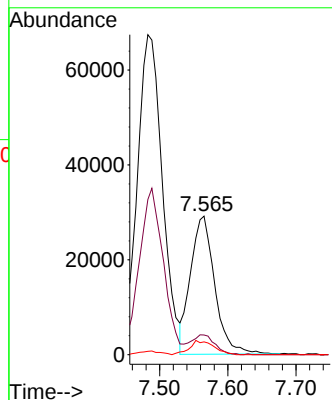
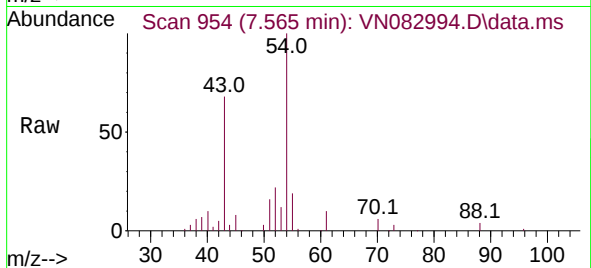
Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	71676
Ion	Ratio	Lower	Upper
43	100		
61	14.1	9.3	13.9#
70	10.1	7.0	10.6



#38

Carbon Tetrachloride

Concen: 51.471 ug/l

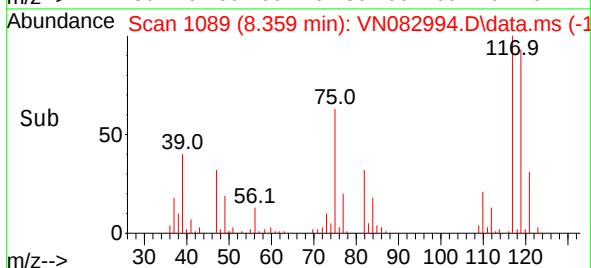
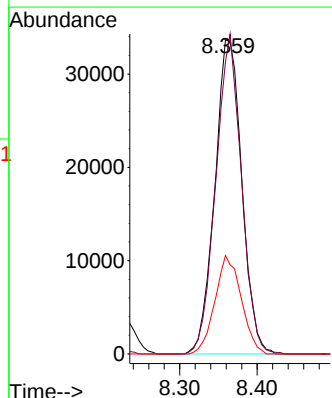
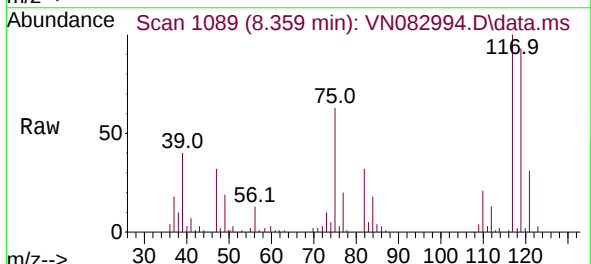
RT: 8.359 min Scan# 1089

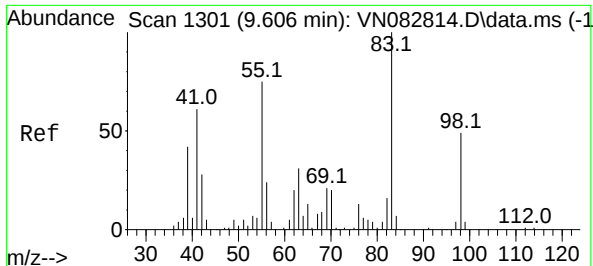
Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Tgt Ion:	117	Resp:	81643
Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.9	112.3
121	31.4	24.3	36.5





#39

Methylcyclohexane

Concen: 47.783 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

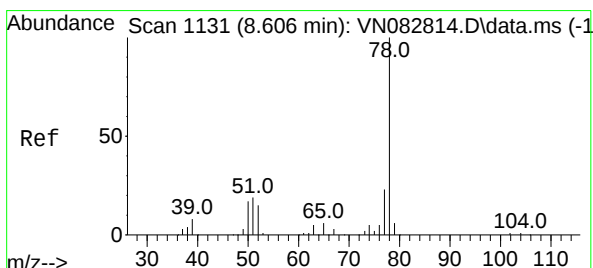
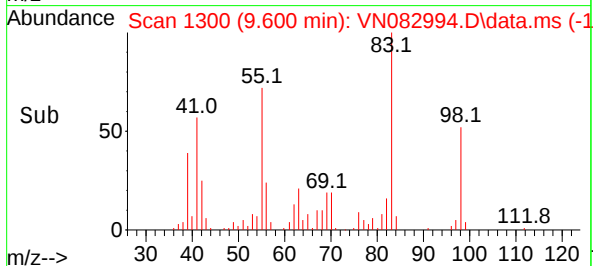
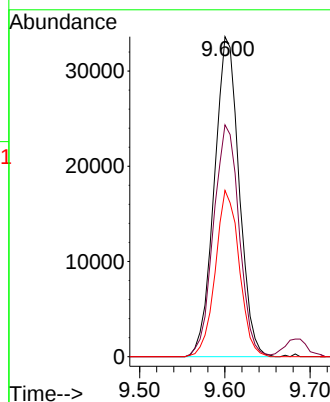
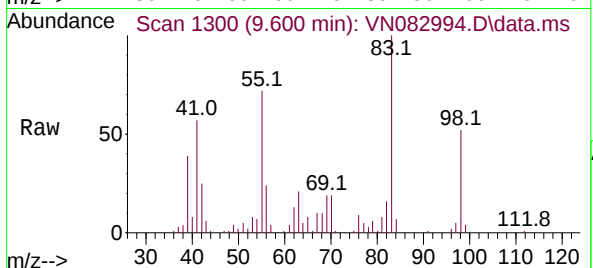
Tgt Ion: 83 Resp: 67997

Ion Ratio Lower Upper

83 100

55 72.4 66.4 99.6

98 52.0 40.7 61.1



#40

Benzene

Concen: 54.188 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082994.D

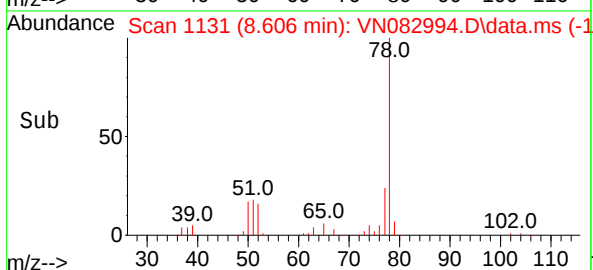
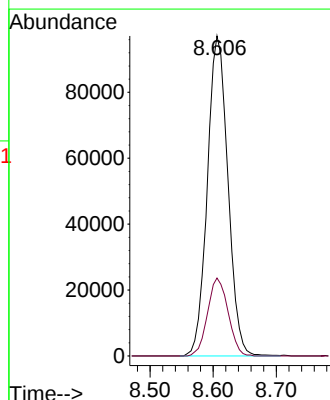
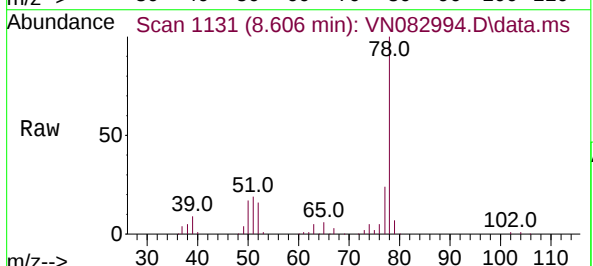
Acq: 19 Jul 2024 17:23

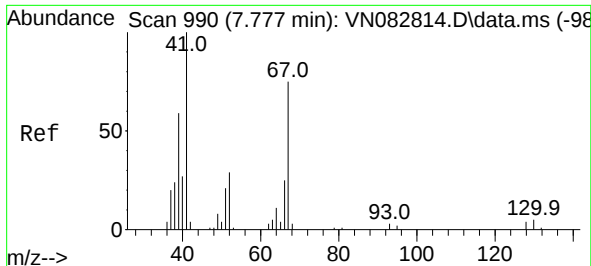
Tgt Ion: 78 Resp: 219593

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4

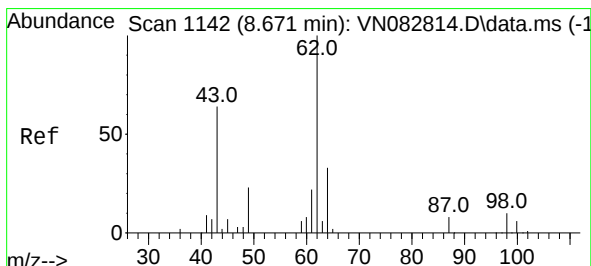
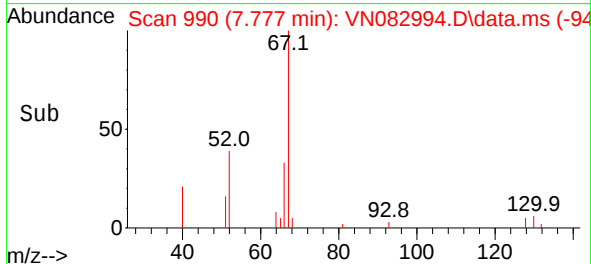
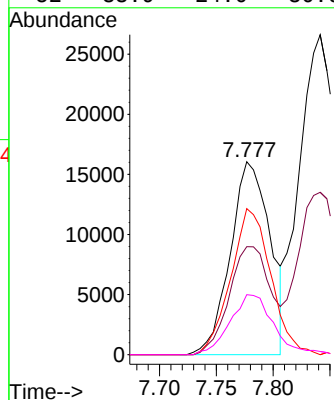
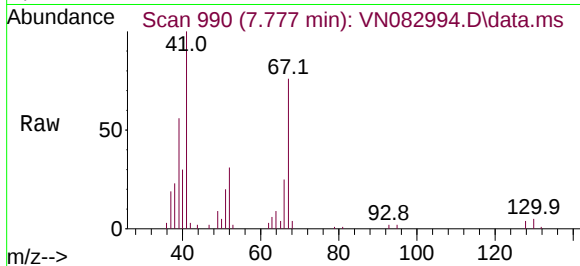




#41
Methacrylonitrile
Concen: 54.076 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

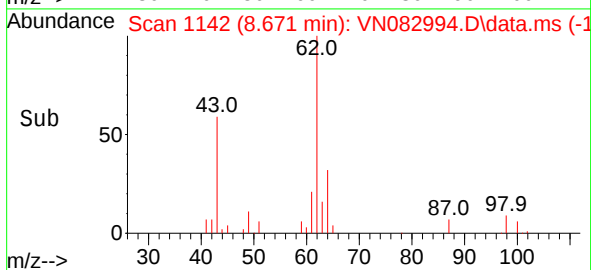
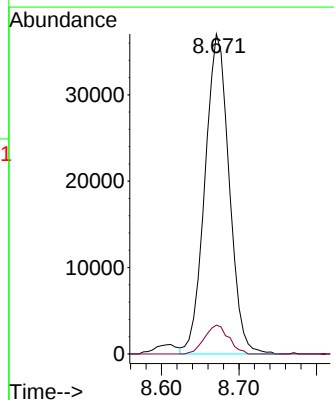
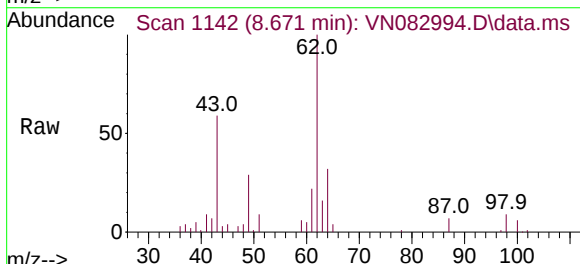
Instrument :
MSVOA_N
ClientSampleId :

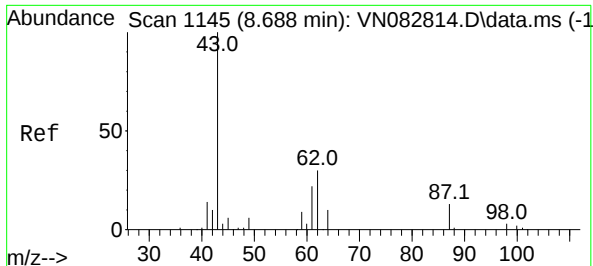
Tgt Ion: 41	Resp: 39074
Ion Ratio	Lower Upper
41 100	
39 58.4	45.5 68.3
67 76.3	50.5 75.7#
52 33.9	24.0 36.0



#42
1,2-Dichloroethane
Concen: 55.206 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 62	Resp: 80538
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 15.8





#43

Isopropyl Acetate

Concen: 50.733 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

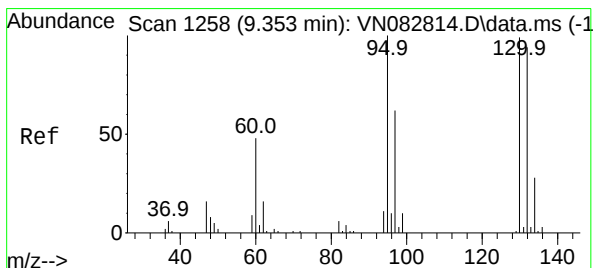
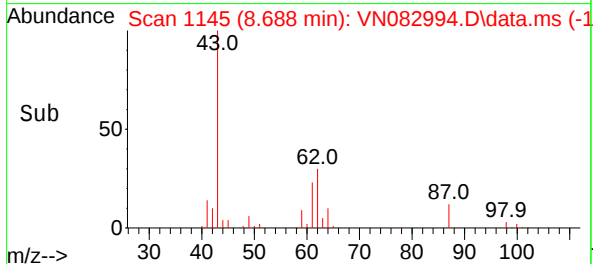
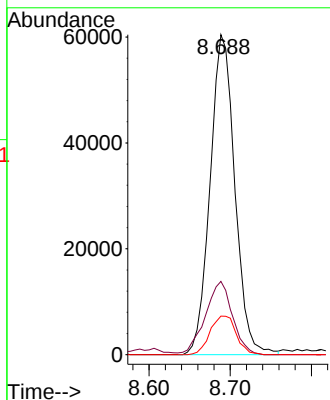
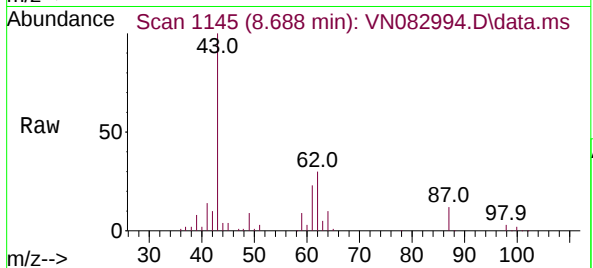
Tgt Ion: 43 Resp: 128194

Ion Ratio Lower Upper

43 100

61 25.1 17.8 26.6

87 12.8 8.2 12.2#



#44

Trichloroethene

Concen: 49.553 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN082994.D

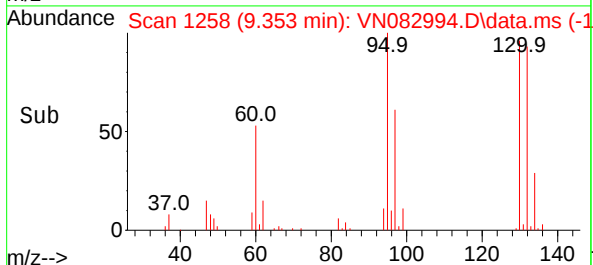
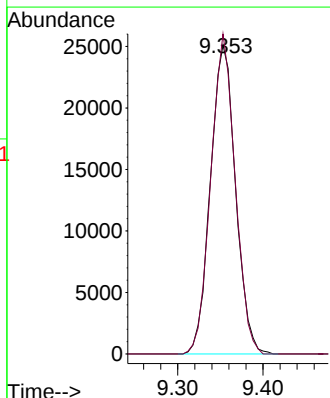
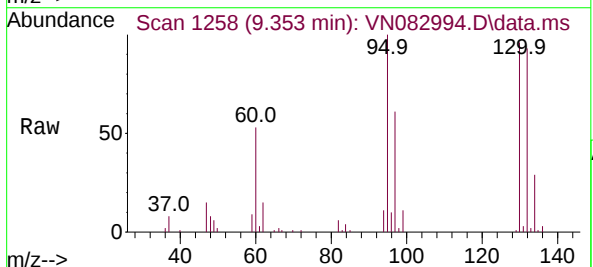
Acq: 19 Jul 2024 17:23

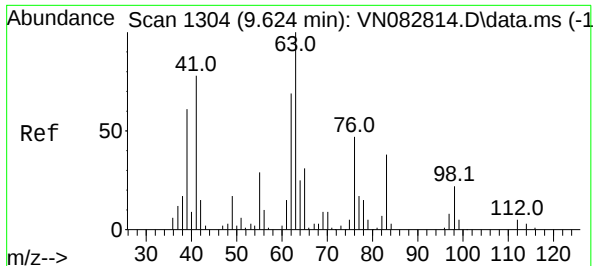
Tgt Ion:130 Resp: 51446

Ion Ratio Lower Upper

130 100

95 103.6 0.0 197.8

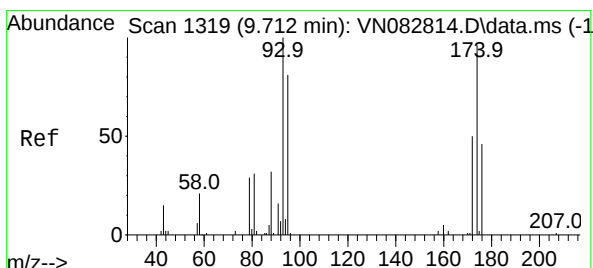
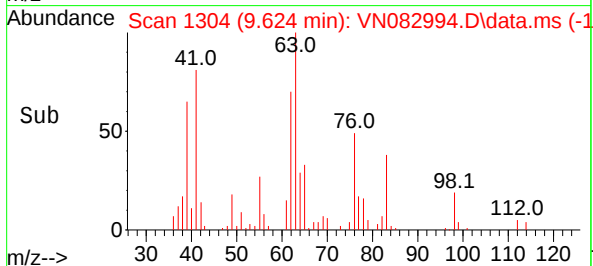
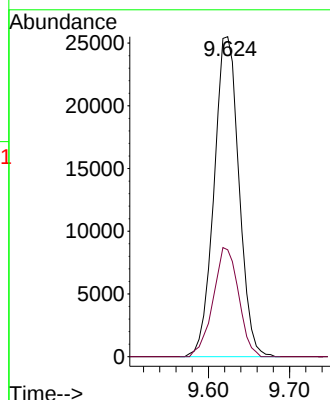
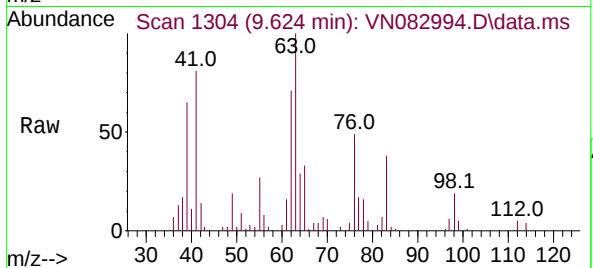




#45
1,2-Dichloropropane
Concen: 57.515 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

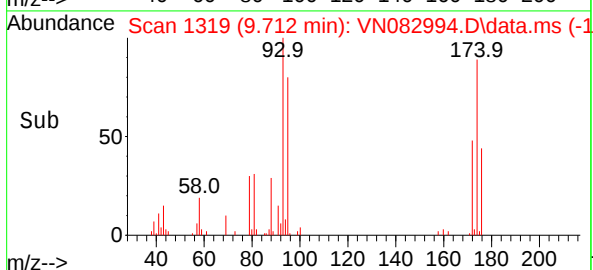
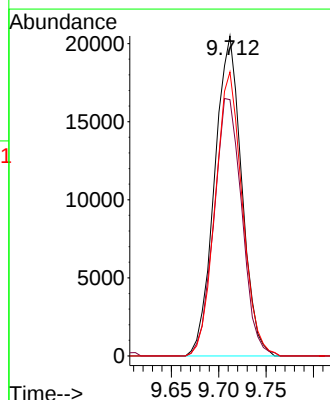
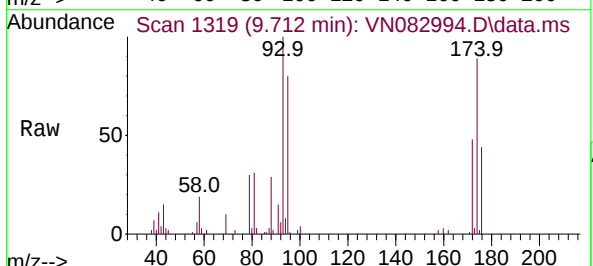
Instrument :
MSVOA_N
ClientSampleId :

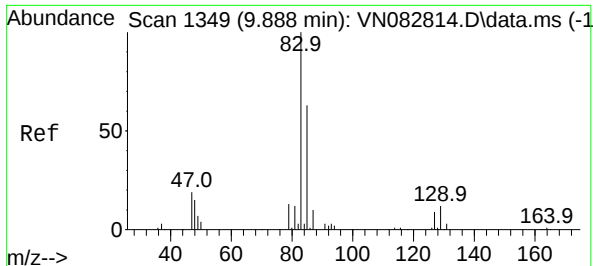
Tgt Ion: 63 Resp: 54414
Ion Ratio Lower Upper
63 100
65 33.4 24.4 36.6



#46
Dibromomethane
Concen: 55.500 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 93 Resp: 40906
Ion Ratio Lower Upper
93 100
95 82.5 65.8 98.6
174 88.2 71.7 107.5

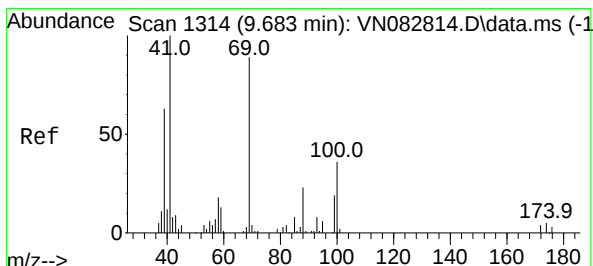
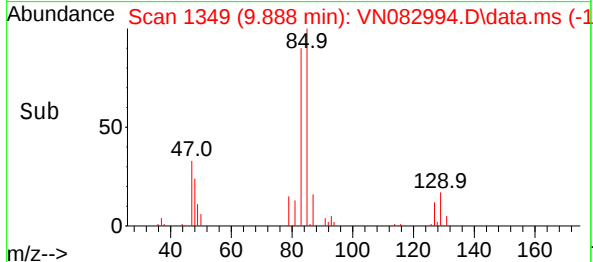
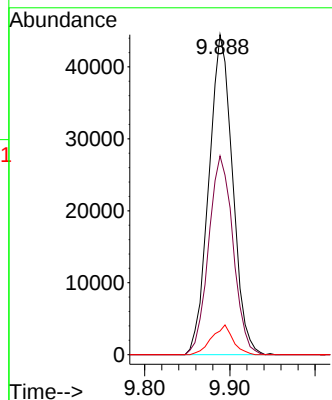
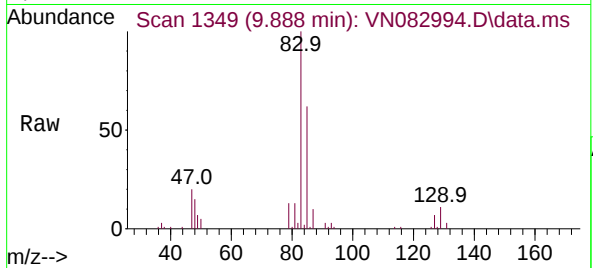




#47
Bromodichloromethane
Concen: 56.508 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

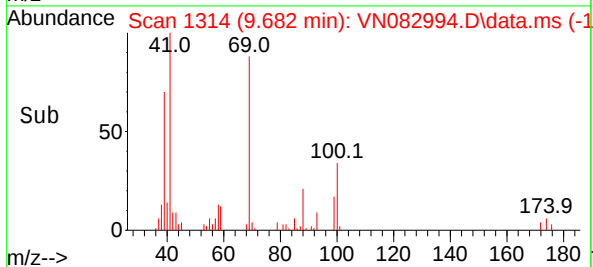
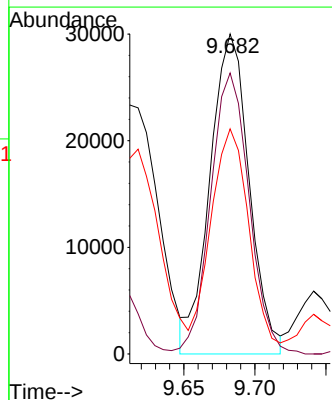
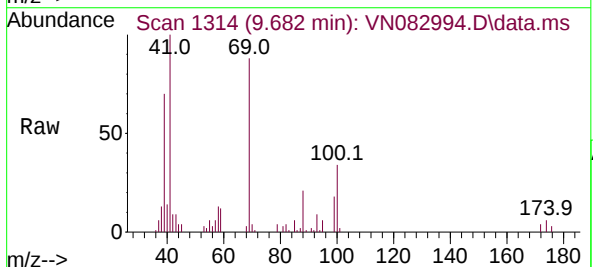
Instrument :
MSVOA_N
ClientSampleId :

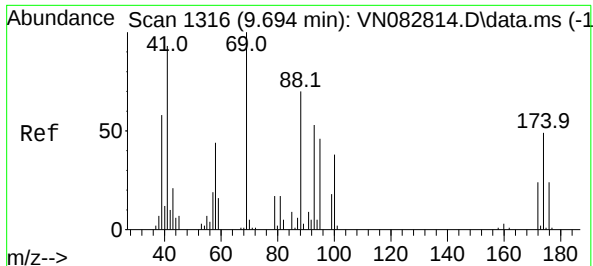
Tgt Ion: 83 Resp: 86057
Ion Ratio Lower Upper
83 100
85 62.1 51.1 76.7
127 7.4 7.2 10.8



#48
Methyl methacrylate
Concen: 54.869 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 41 Resp: 57705
Ion Ratio Lower Upper
41 100
69 86.2 56.3 84.5#
39 69.1 50.3 75.5

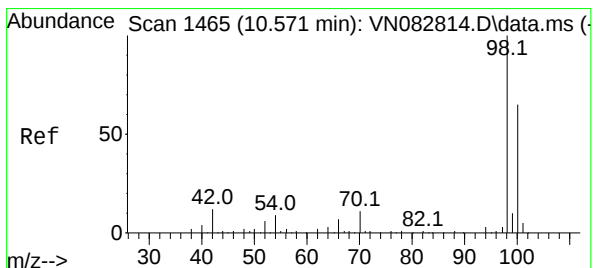
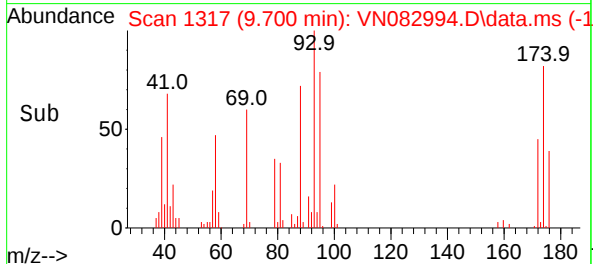
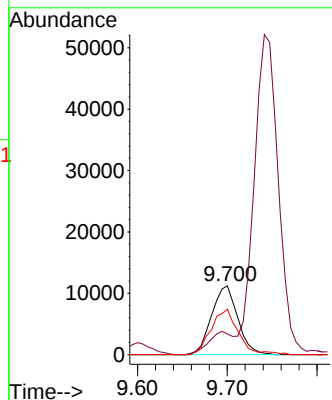
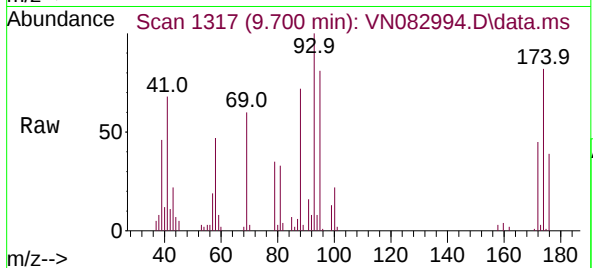




#49
1,4-Dioxane
Concen: 992.317 ug/l
RT: 9.700 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

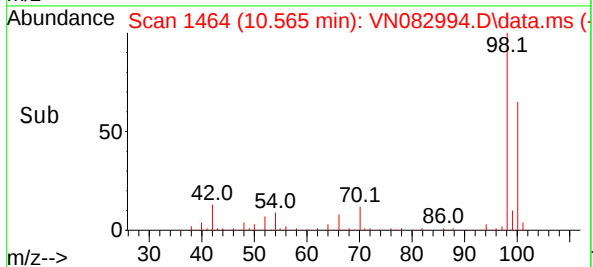
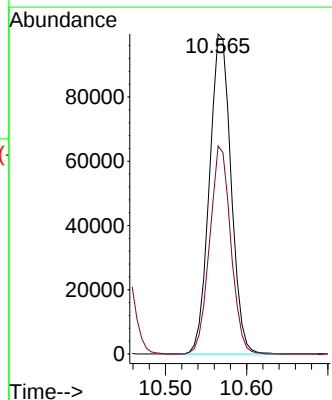
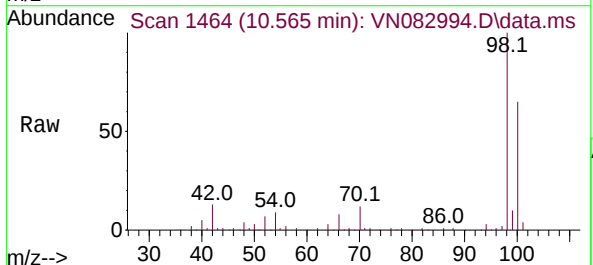
Instrument :
MSVOA_N
ClientSampleId :

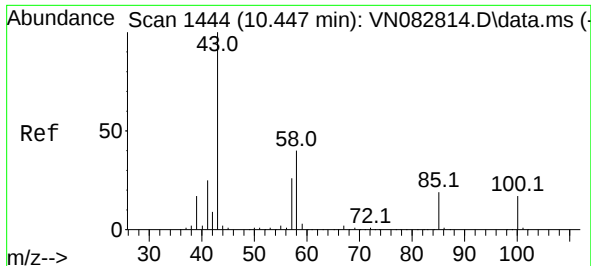
Tgt Ion: 88 Resp: 22705
Ion Ratio Lower Upper
88 100
43 30.1 27.8 41.8
58 69.1 59.4 89.0



#50
Toluene-d8
Concen: 52.128 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 98 Resp: 183969
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 294.579 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

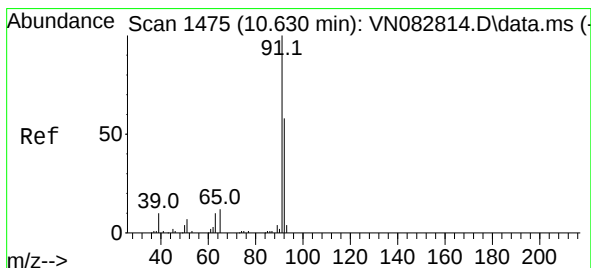
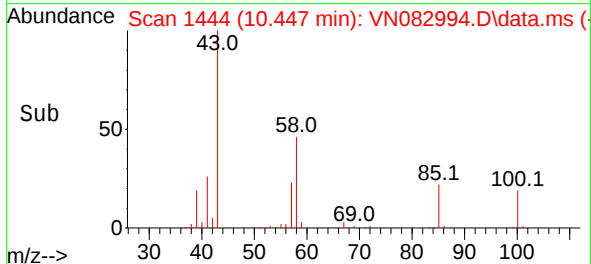
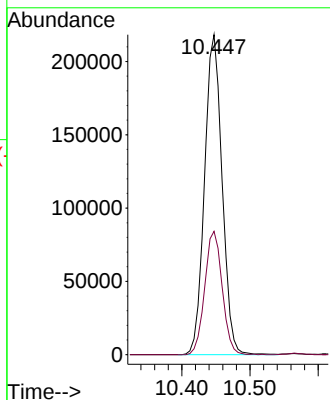
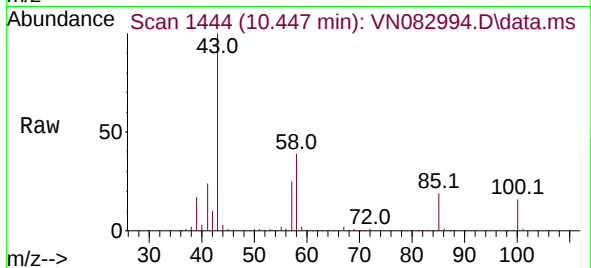
ClientSampleId :

Tgt Ion: 43 Resp: 391697

Ion Ratio Lower Upper

43 100

58 38.3 28.2 42.4



#52

Toluene

Concen: 55.585 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN082994.D

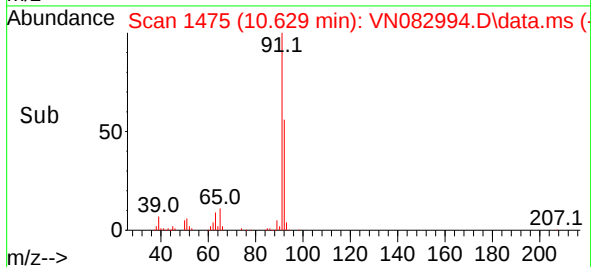
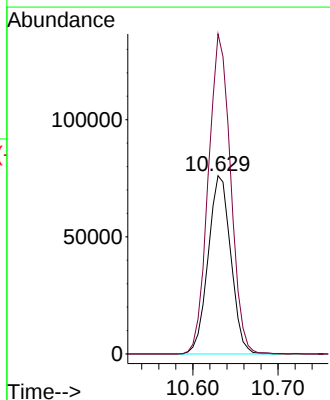
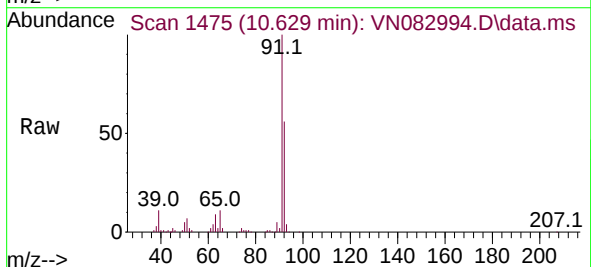
Acq: 19 Jul 2024 17:23

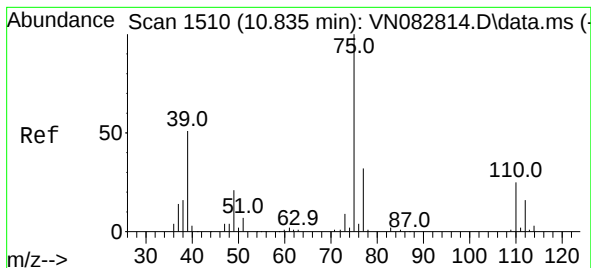
Tgt Ion: 92 Resp: 140709

Ion Ratio Lower Upper

92 100

91 176.9 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 55.508 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

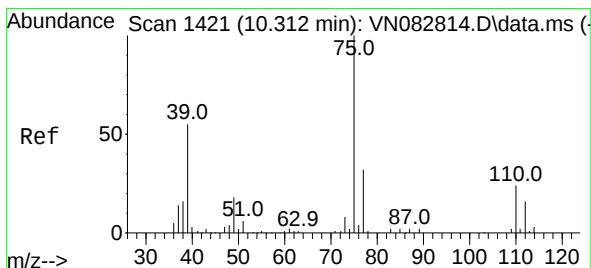
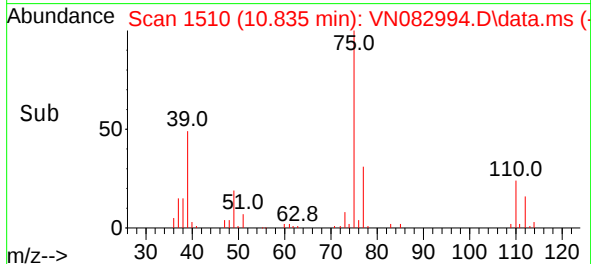
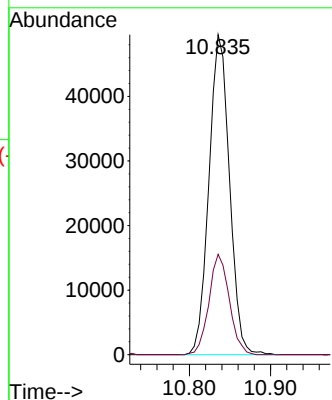
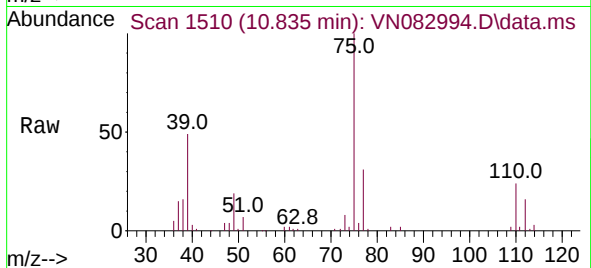
ClientSampleId :

Tgt Ion: 75 Resp: 87084

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 53.832 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

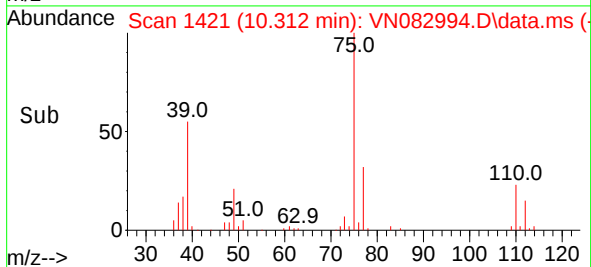
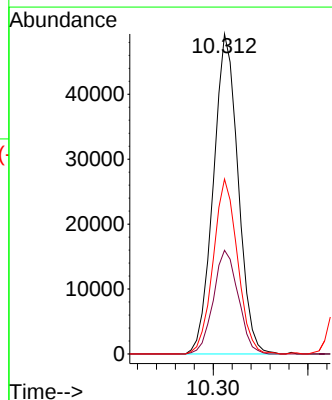
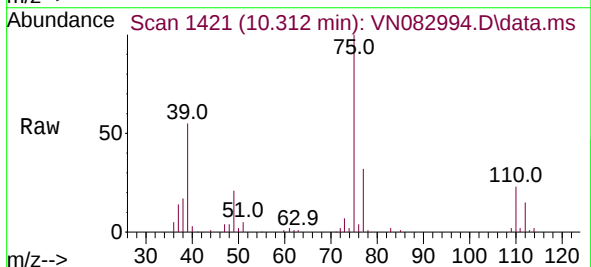
Tgt Ion: 75 Resp: 89395

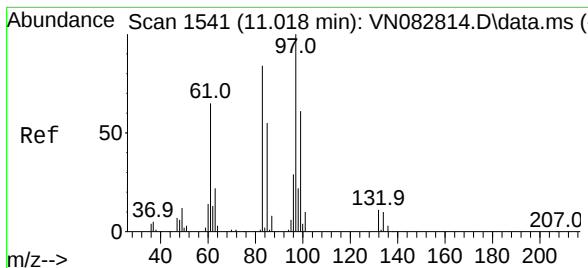
Ion Ratio Lower Upper

75 100

77 32.4 24.3 36.5

39 54.6 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 59.176 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

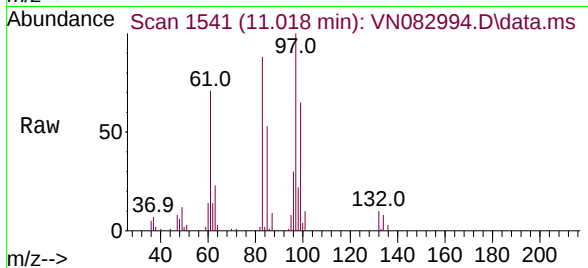
Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 55084

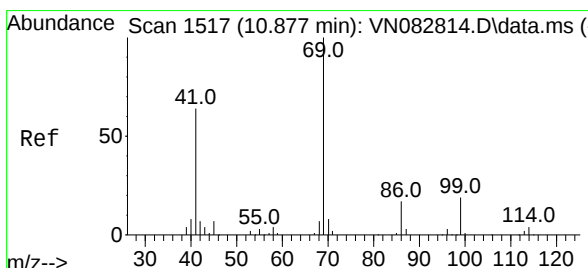
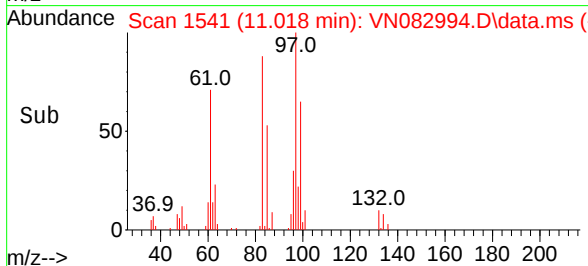
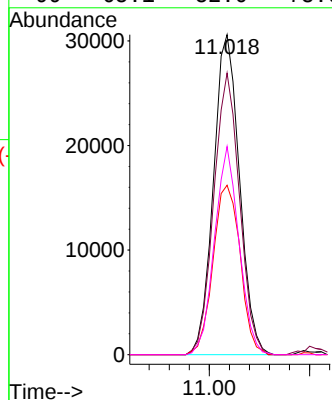
Ion Ratio Lower Upper

97 100

83 88.0 71.4 107.0

85 52.9 45.8 68.6

99 65.1 52.0 78.0



#56

Ethyl methacrylate

Concen: 60.178 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.001 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

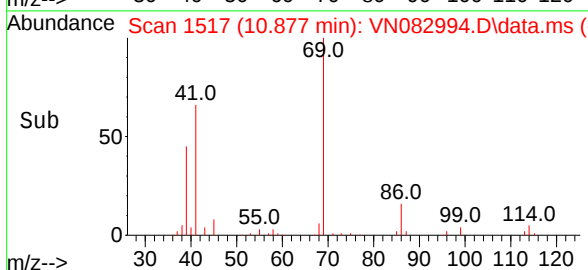
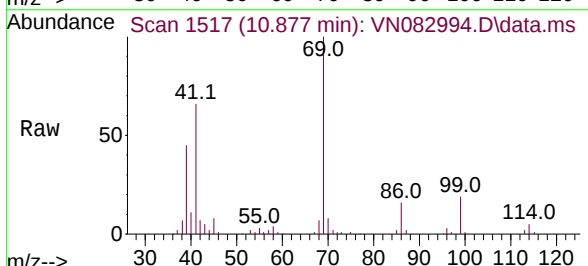
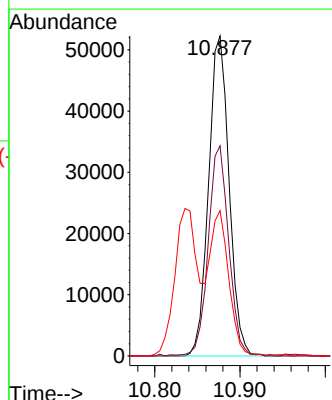
Tgt Ion: 69 Resp: 87150

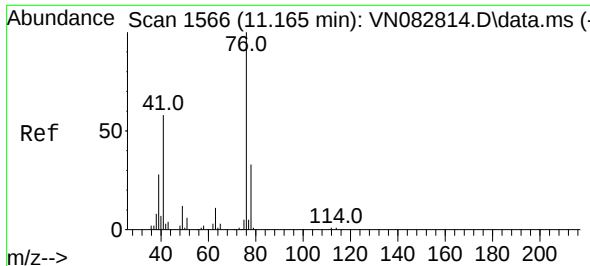
Ion Ratio Lower Upper

69 100

41 65.7 63.4 95.2

39 40.3 37.4 56.0





#57

1,3-Dichloropropane

Concen: 57.401 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

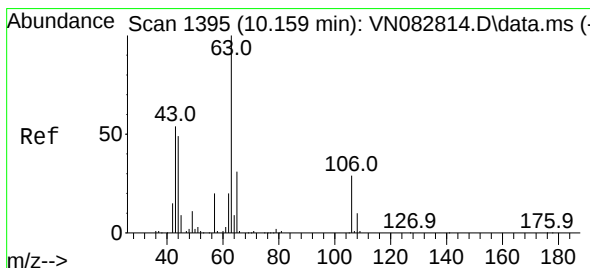
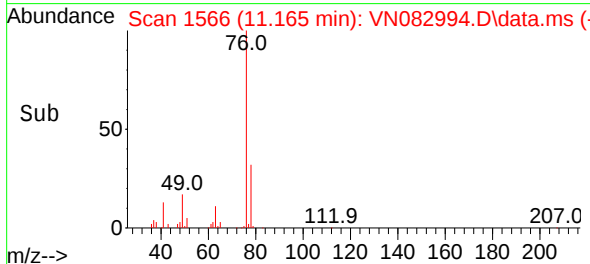
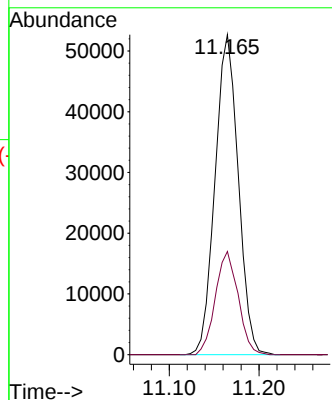
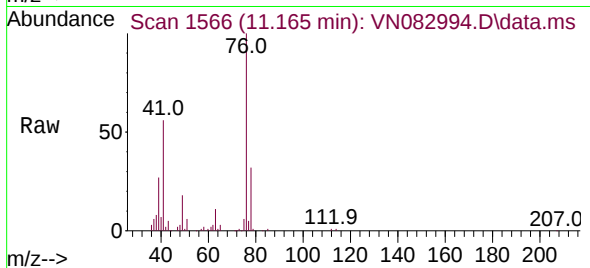
ClientSampleId :

Tgt Ion: 76 Resp: 94580

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 302.656 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082994.D

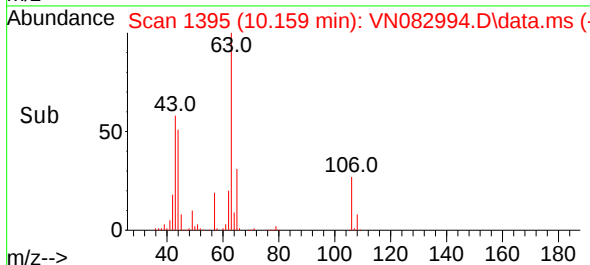
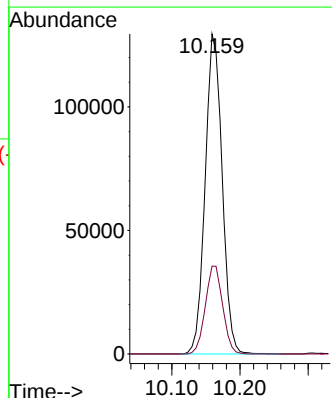
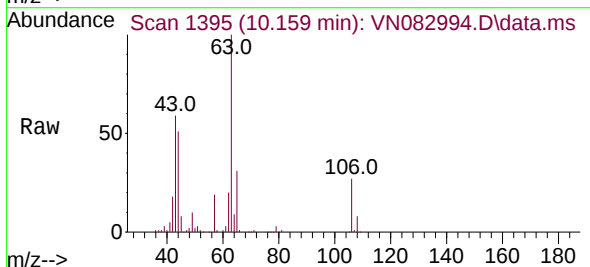
Acq: 19 Jul 2024 17:23

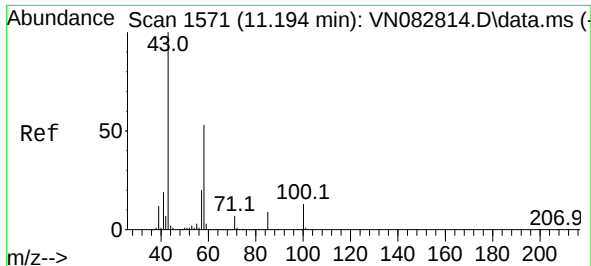
Tgt Ion: 63 Resp: 224909

Ion Ratio Lower Upper

63 100

106 28.0 21.4 32.0





#59

2-Hexanone

Concen: 295.269 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

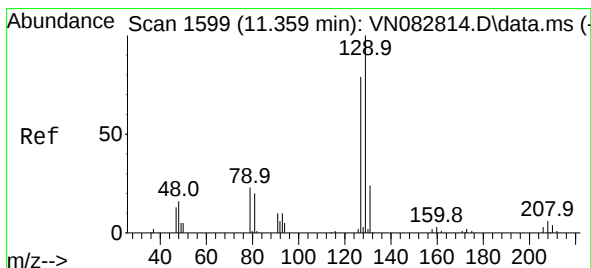
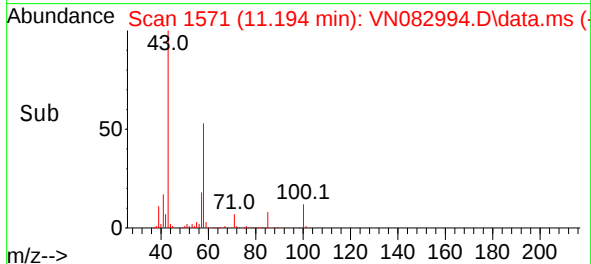
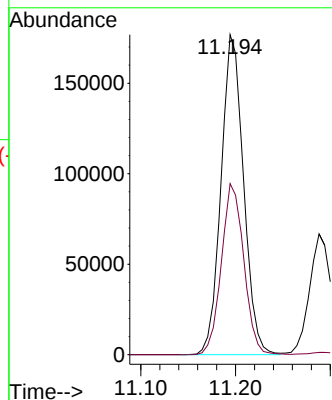
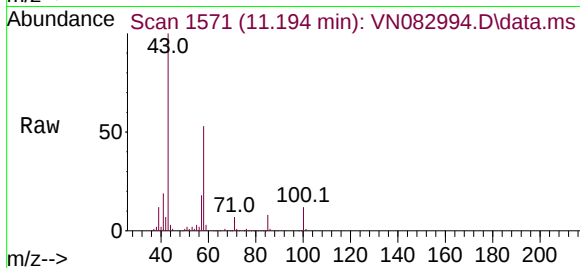
ClientSampleId :

Tgt Ion: 43 Resp: 291902

Ion Ratio Lower Upper

43 100

58 53.3 24.6 73.8



#60

Dibromochloromethane

Concen: 56.103 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN082994.D

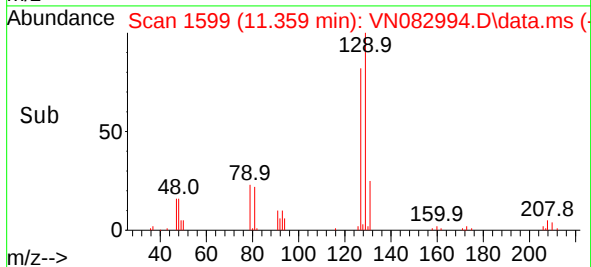
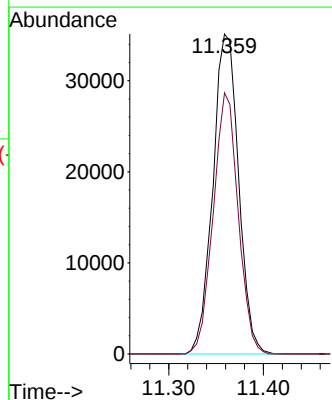
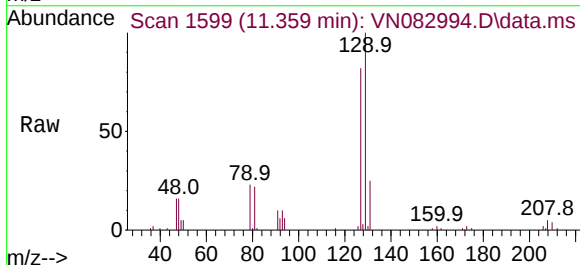
Acq: 19 Jul 2024 17:23

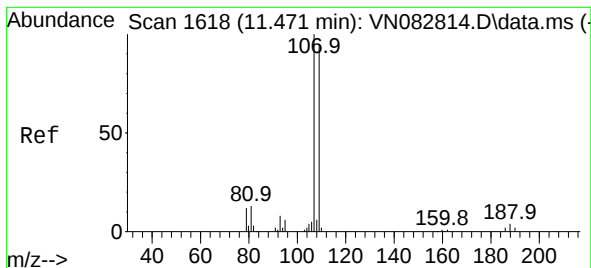
Tgt Ion:129 Resp: 66516

Ion Ratio Lower Upper

129 100

127 78.9 39.2 117.6

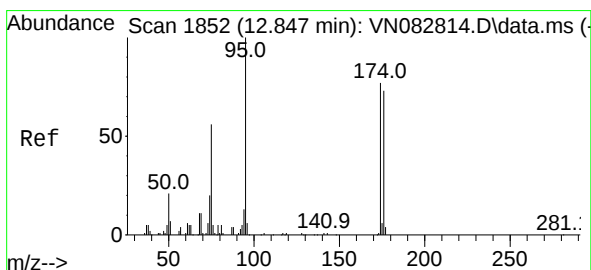
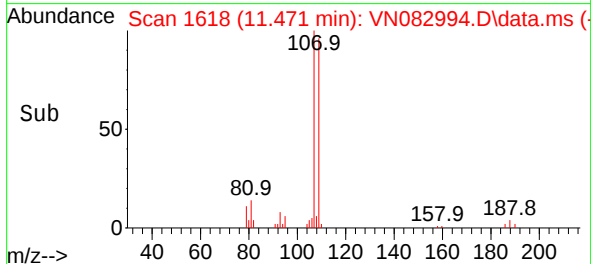
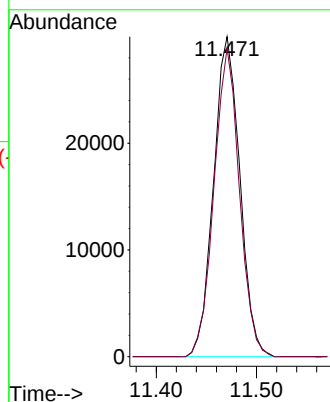
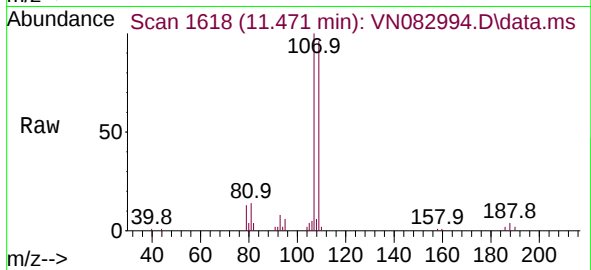




#61
1,2-Dibromoethane
Concen: 55.098 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

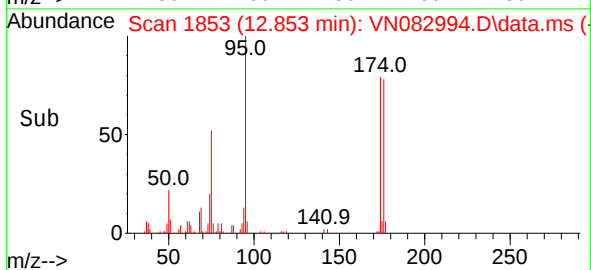
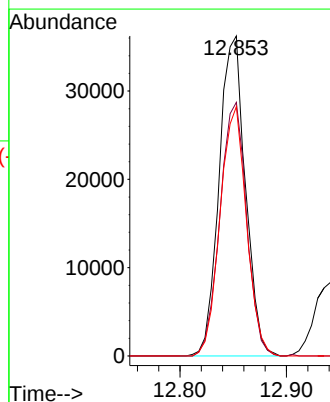
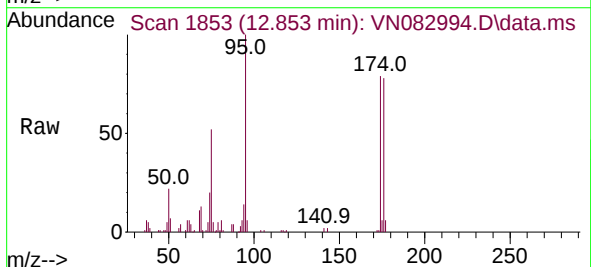
Instrument :
MSVOA_N
ClientSampleId :

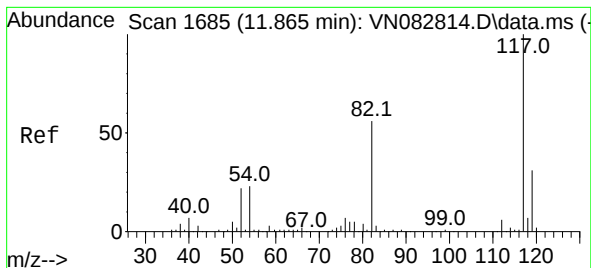
Tgt Ion:107 Resp: 54466
Ion Ratio Lower Upper
107 100
109 93.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 48.916 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 95 Resp: 62011
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.2
176 78.2 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

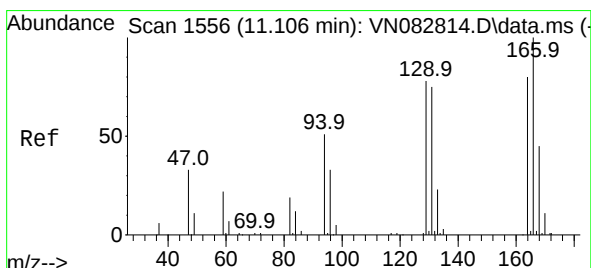
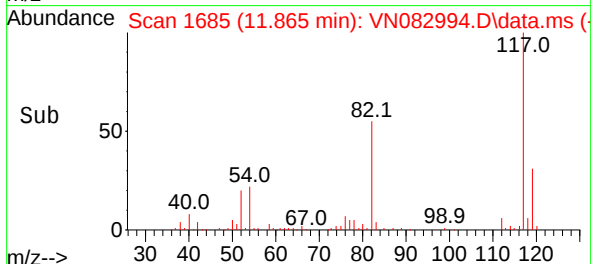
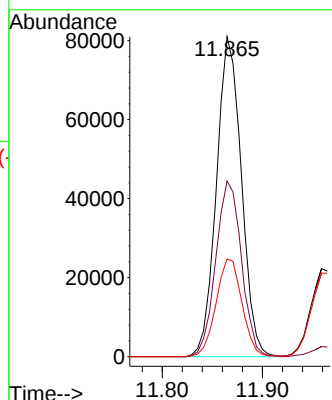
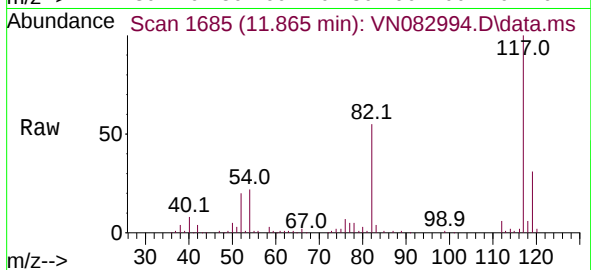
Tgt Ion:117 Resp: 139868

Ion Ratio Lower Upper

117 100

82 54.9 47.5 71.3

119 30.6 25.6 38.4



#64

Tetrachloroethene

Concen: 45.547 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Tgt Ion:164 Resp: 47529

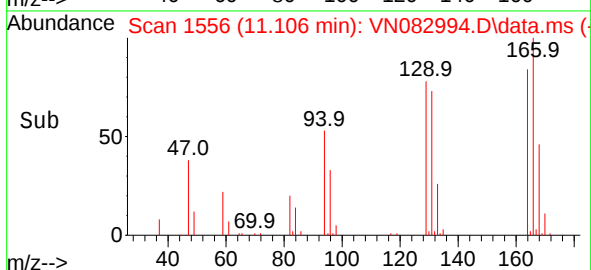
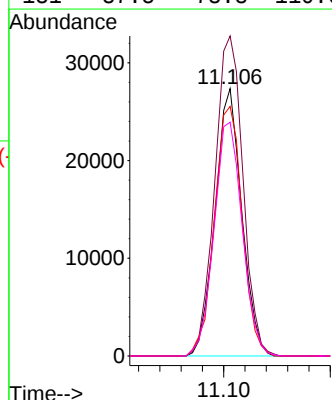
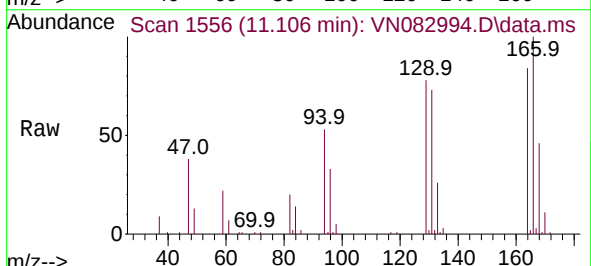
Ion Ratio Lower Upper

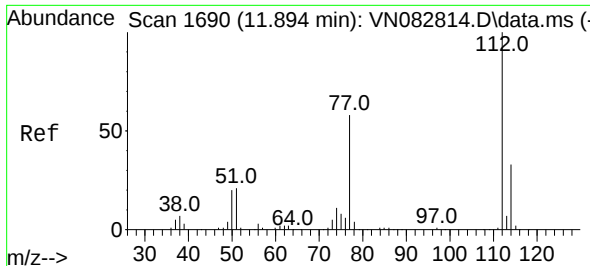
164 100

166 119.7 101.4 152.0

129 93.4 75.7 113.5

131 87.5 73.8 110.6





#65

Chlorobenzene

Concen: 52.386 ug/l

RT: 11.894 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

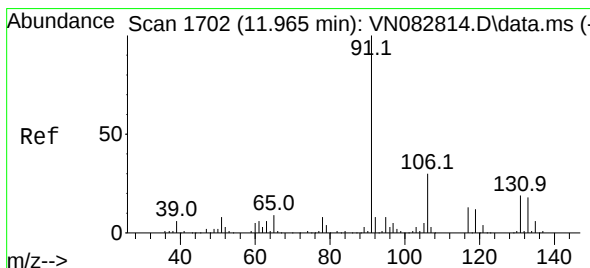
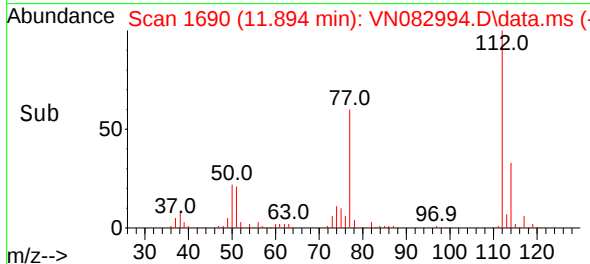
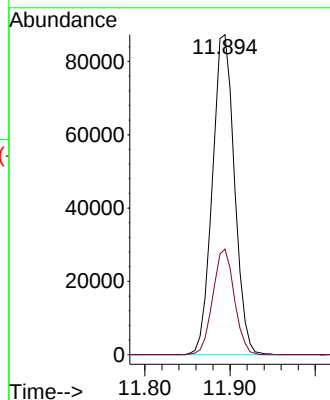
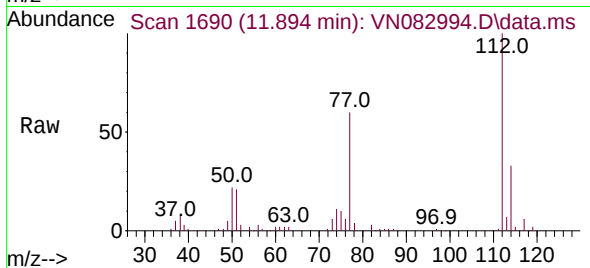
ClientSampleId :

Tgt Ion:112 Resp: 157010

Ion Ratio Lower Upper

112 100

114 33.0 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 54.197 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.005 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

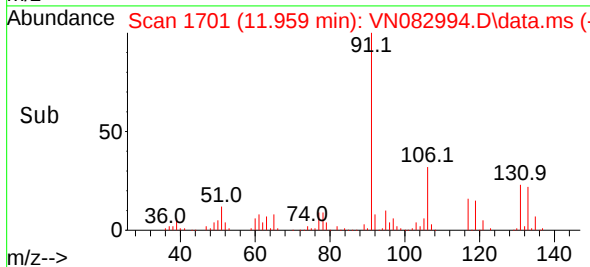
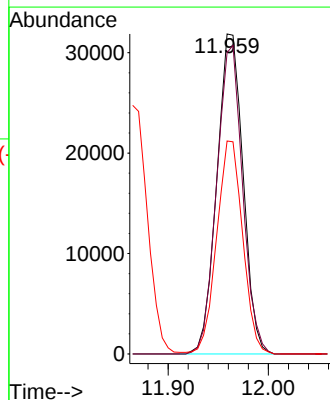
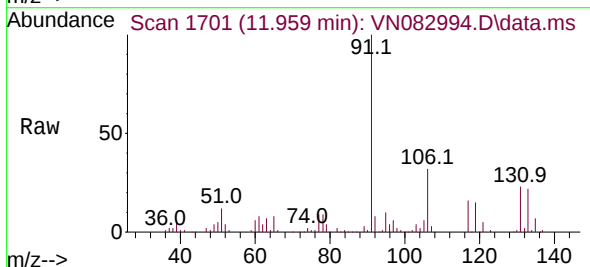
Tgt Ion:131 Resp: 57778

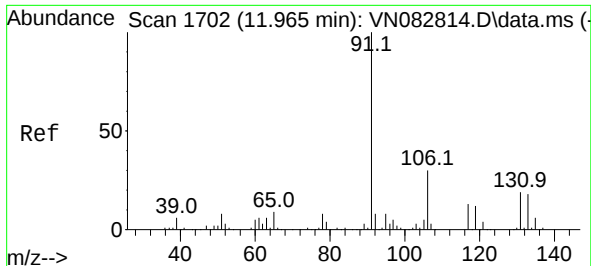
Ion Ratio Lower Upper

131 100

133 95.3 47.3 142.0

119 66.1 32.5 97.4





#67

Ethyl Benzene

Concen: 53.387 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

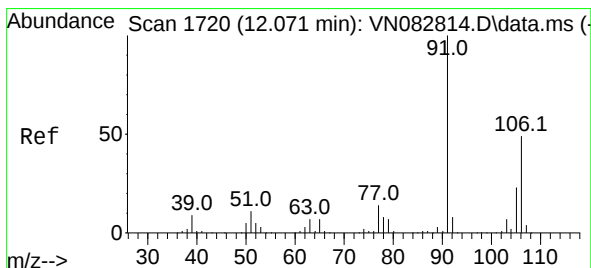
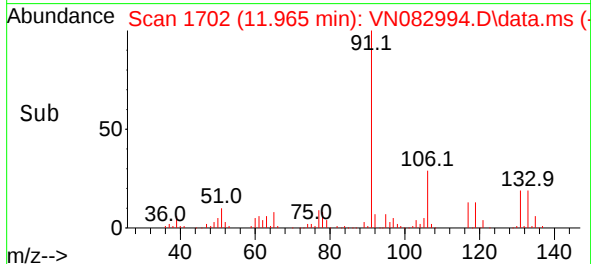
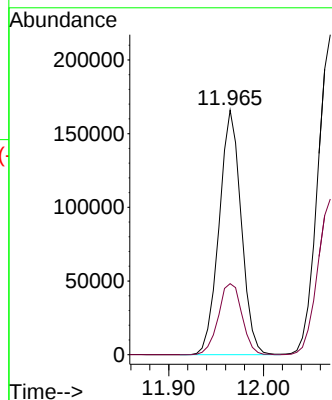
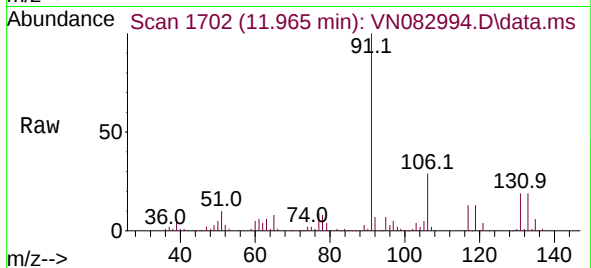
ClientSampleId :

Tgt Ion: 91 Resp: 268925

Ion Ratio Lower Upper

91 100

106 29.1 24.0 36.0



#68

m/p-Xylenes

Concen: 110.415 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.001 min

Lab File: VN082994.D

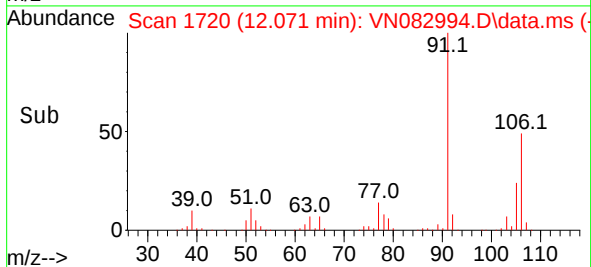
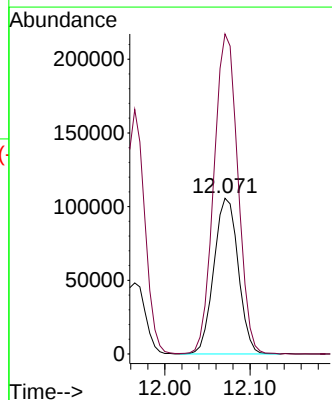
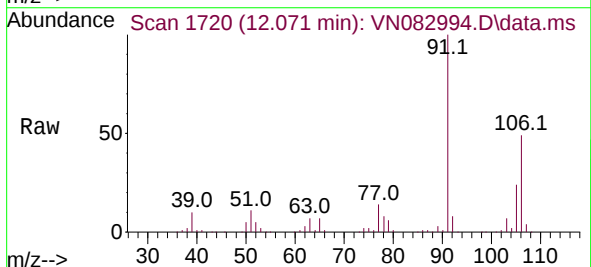
Acq: 19 Jul 2024 17:23

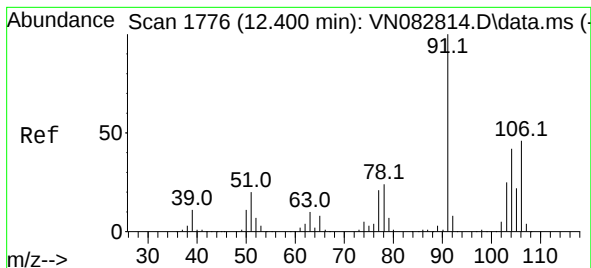
Tgt Ion:106 Resp: 209985

Ion Ratio Lower Upper

106 100

91 202.8 166.1 249.1

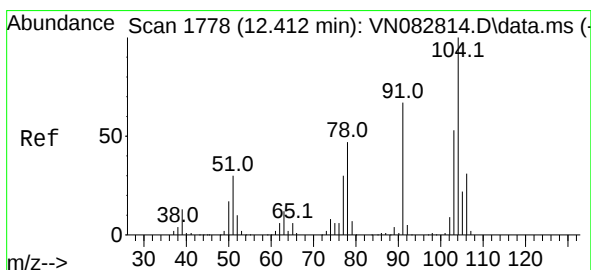
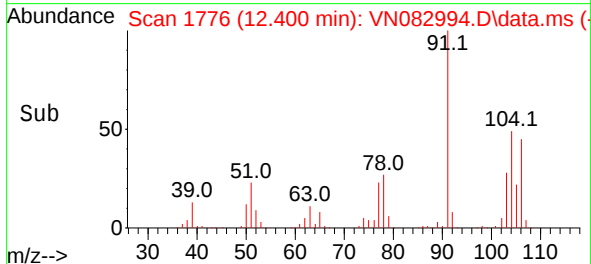
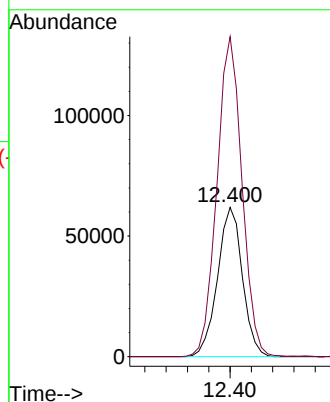
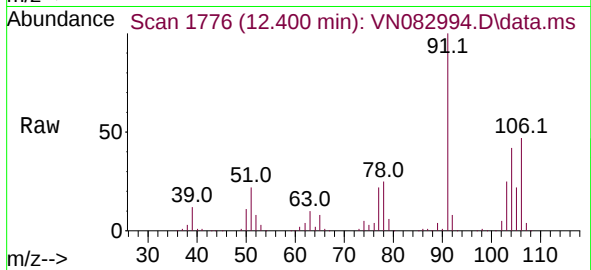




#69
o-Xylene
Concen: 55.062 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

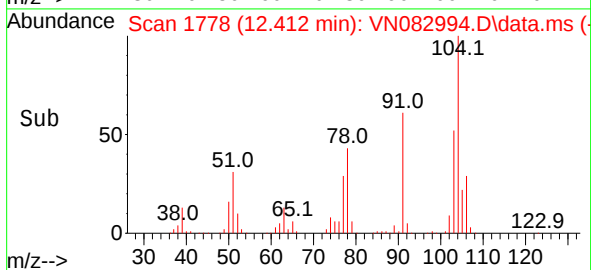
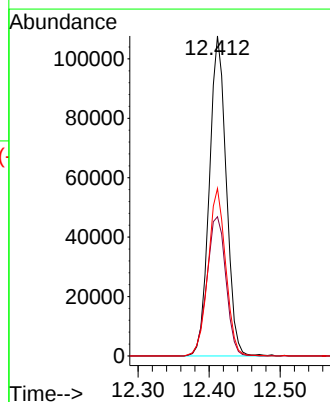
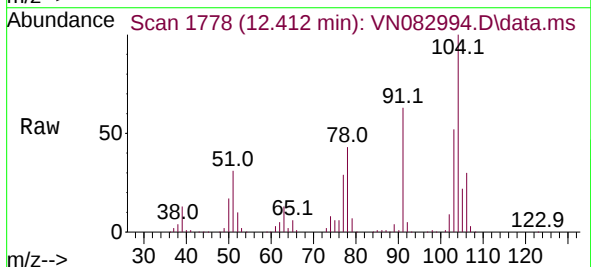
Instrument :
MSVOA_N
ClientSampleId :

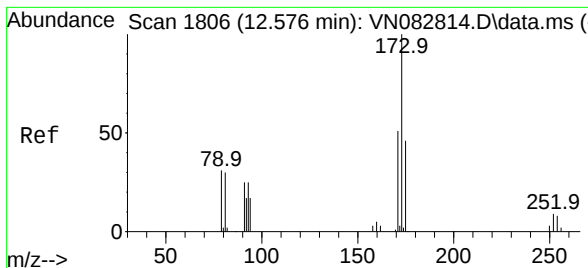
Tgt Ion:106 Resp: 100336
Ion Ratio Lower Upper
106 100
91 215.9 111.3 333.9



#70
Styrene
Concen: 59.300 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion:104 Resp: 178545
Ion Ratio Lower Upper
104 100
78 48.8 41.6 62.4
103 54.4 44.0 66.0





#71

Bromoform

Concen: 53.957 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

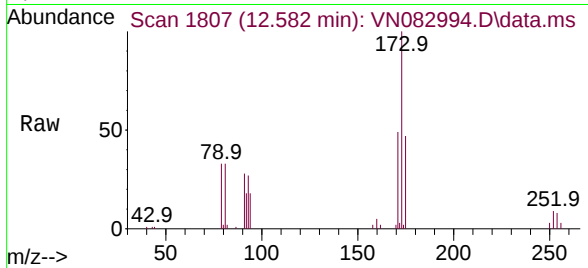
Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :



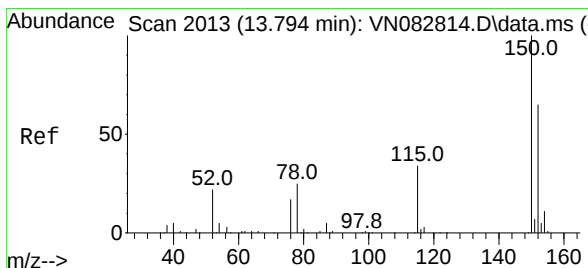
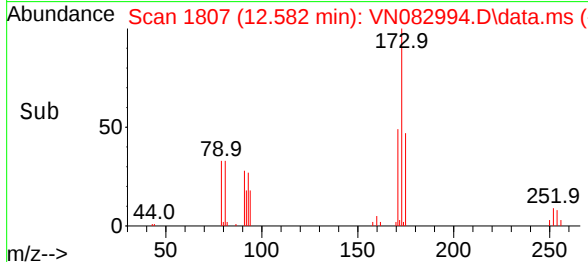
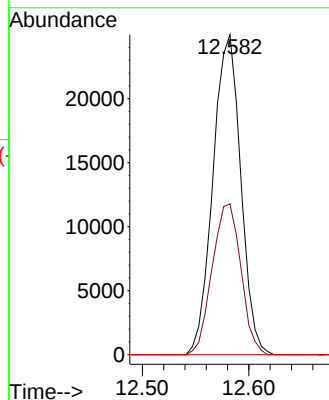
Tgt Ion:173 Resp: 45238

Ion Ratio Lower Upper

173 100

175 48.7 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

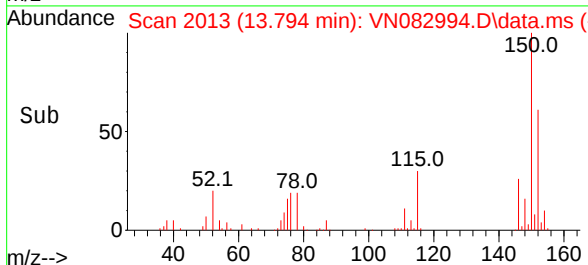
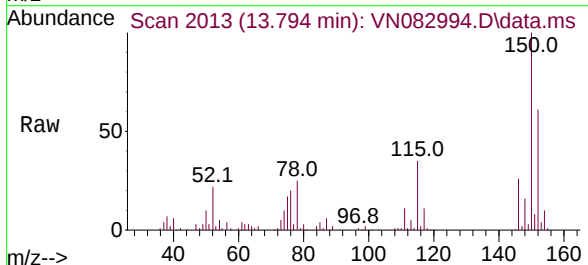
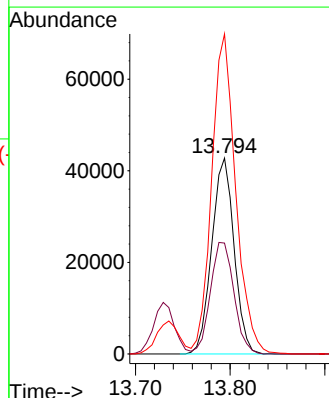
Tgt Ion:152 Resp: 70089

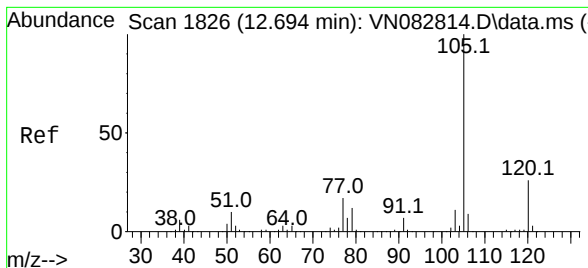
Ion Ratio Lower Upper

152 100

115 59.9 30.6 91.6

150 175.1 0.0 348.6





#73

Isopropylbenzene

Concen: 49.840 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

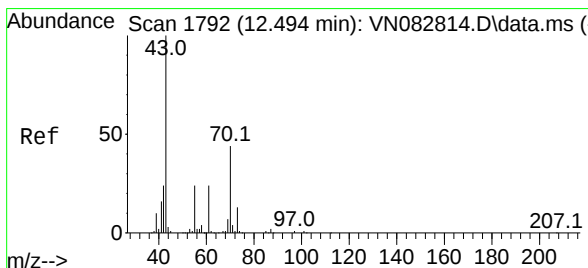
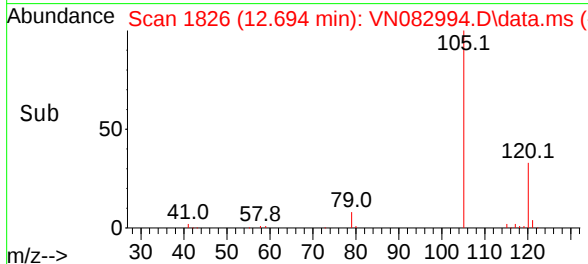
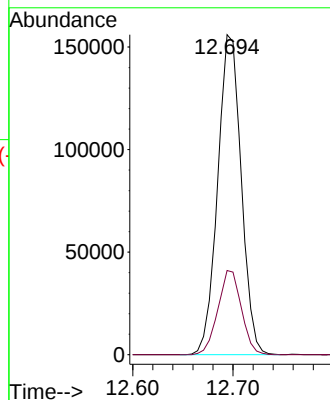
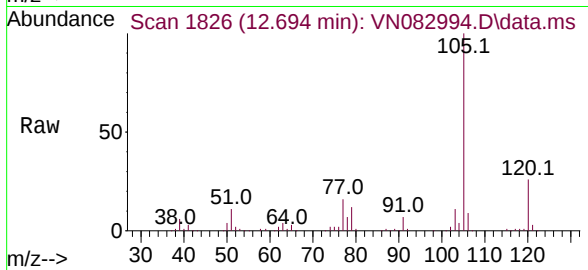
ClientSampleId :

Tgt Ion:105 Resp: 253835

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 53.029 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Tgt Ion: 43 Resp: 111714

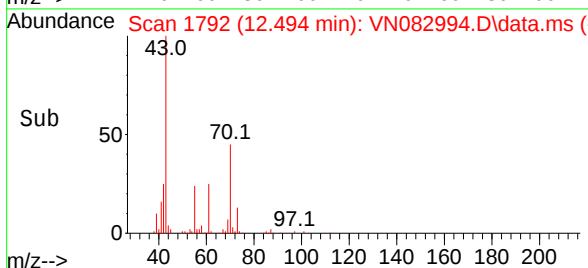
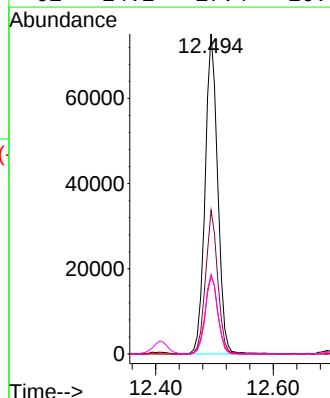
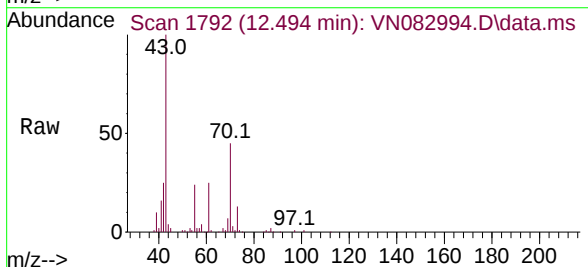
Ion Ratio Lower Upper

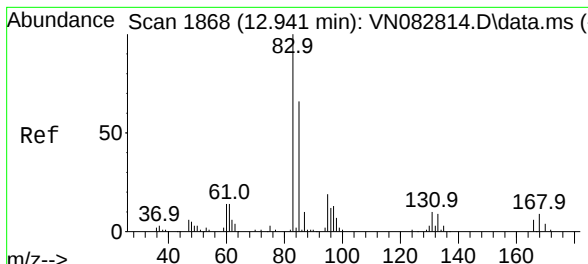
43 100

70 43.1 29.8 44.6

55 24.7 18.7 28.1

61 24.2 17.4 26.0

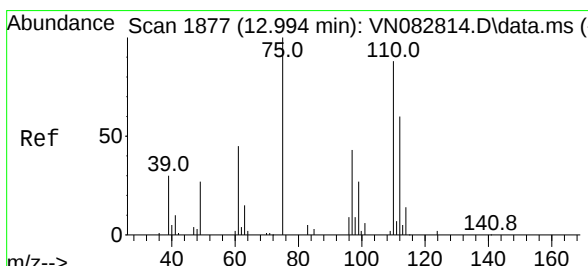
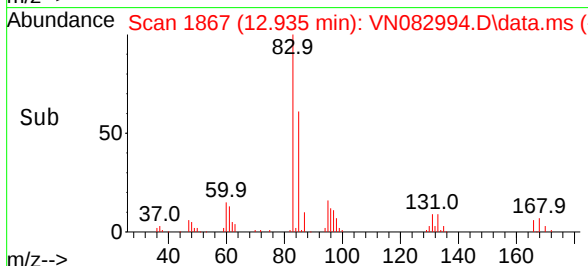
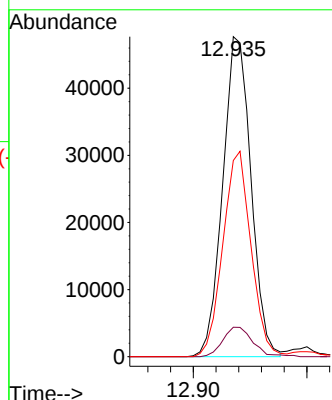
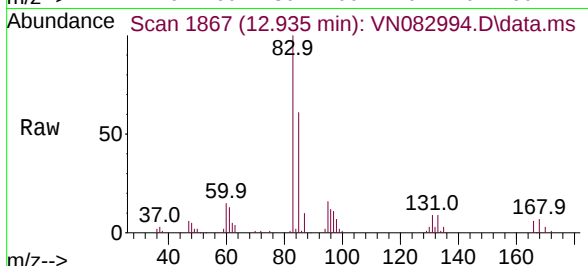




#75
1,1,2,2-Tetrachloroethane
Concen: 54.075 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

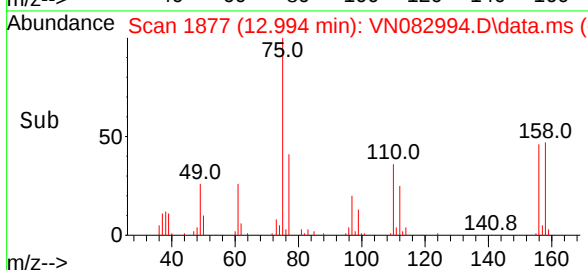
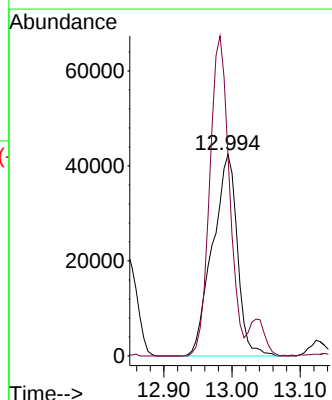
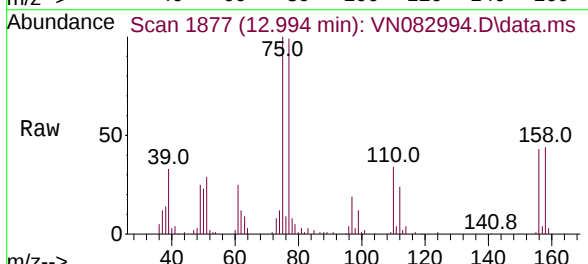
Instrument :
MSVOA_N
ClientSampleId :

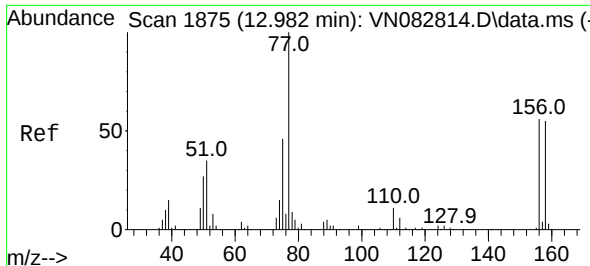
Tgt Ion: 83 Resp: 82481
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 88.713 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 75 Resp: 107199
Ion Ratio Lower Upper
75 100
77 125.4 110.9 332.6

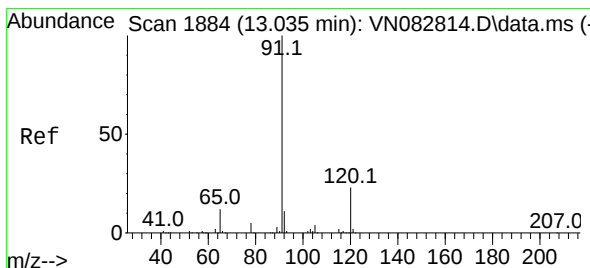
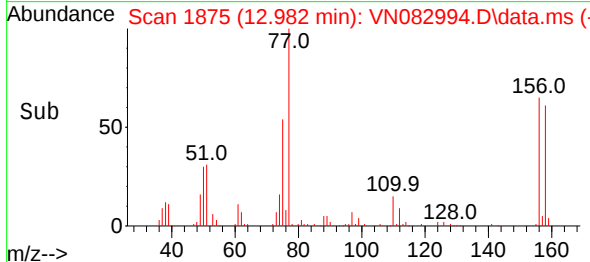
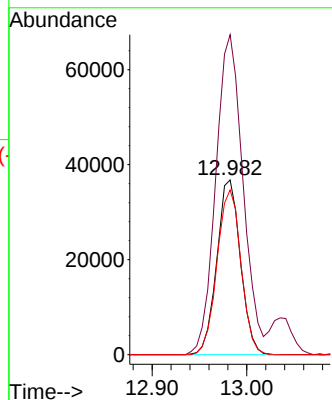
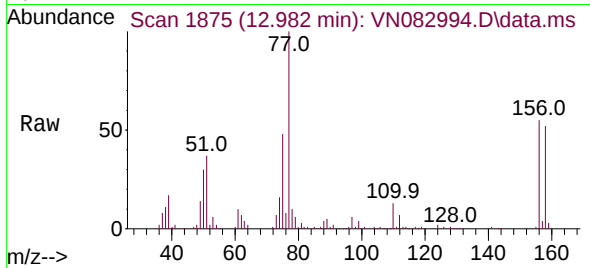




#77
Bromobenzene
Concen: 48.438 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

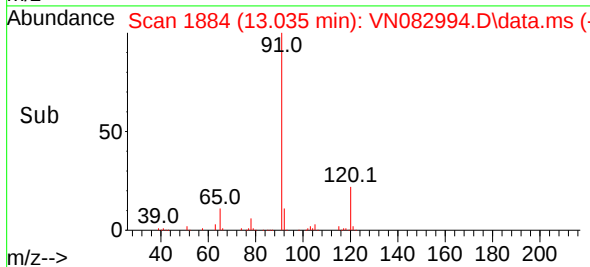
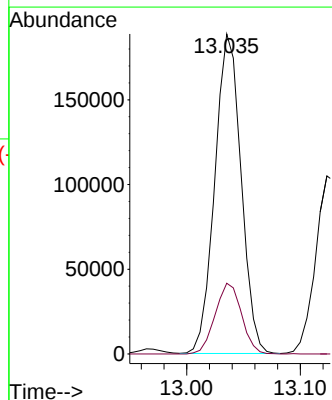
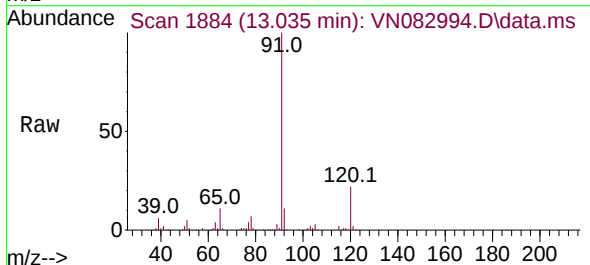
Instrument :
MSVOA_N
ClientSampleId :

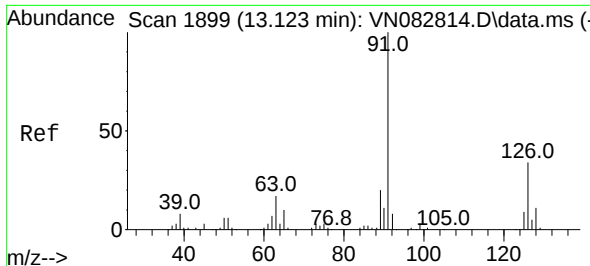
Tgt Ion:156 Resp: 63642
Ion Ratio Lower Upper
156 100
77 211.3 111.3 333.8
158 95.7 48.3 144.9



#78
n-propylbenzene
Concen: 51.710 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 91 Resp: 302802
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





#79

2-Chlorotoluene

Concen: 49.535 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

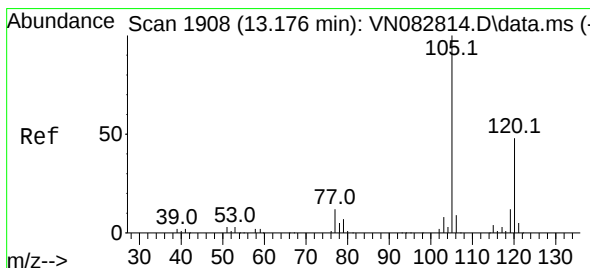
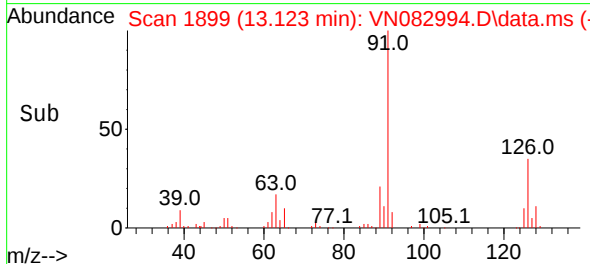
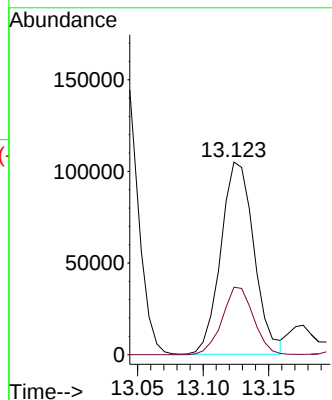
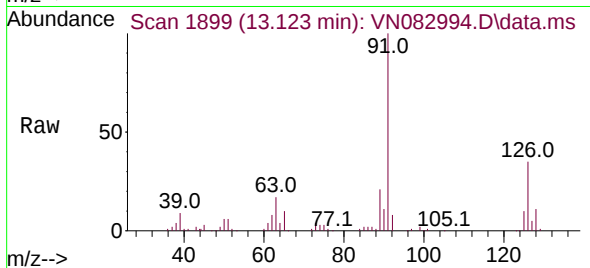
ClientSampleId :

Tgt Ion: 91 Resp: 184817

Ion Ratio Lower Upper

91 100

126 33.1 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 51.525 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082994.D

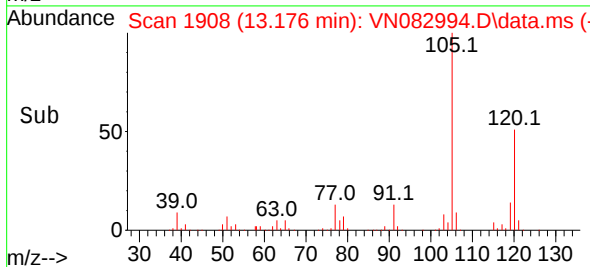
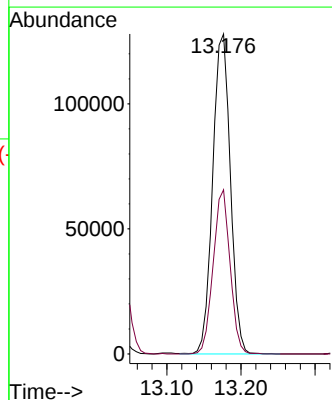
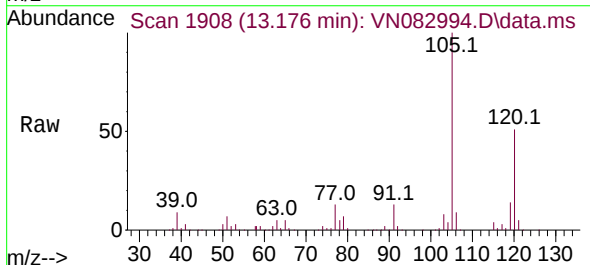
Acq: 19 Jul 2024 17:23

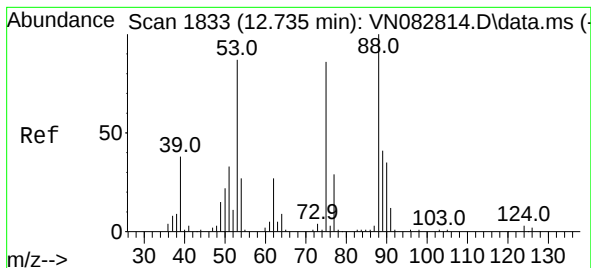
Tgt Ion:105 Resp: 212115

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

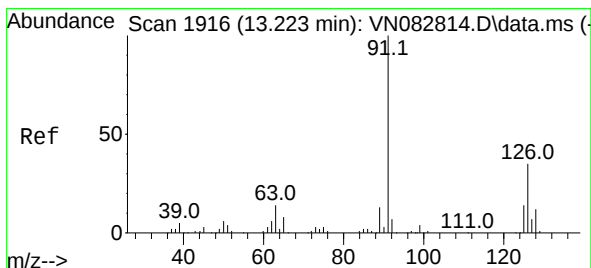
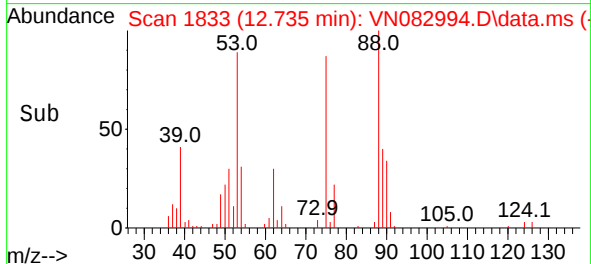
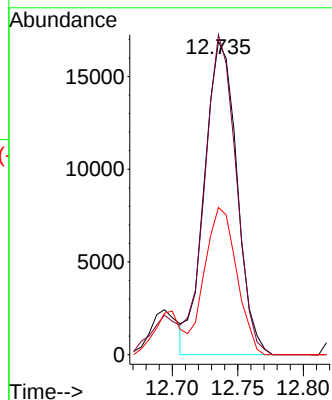
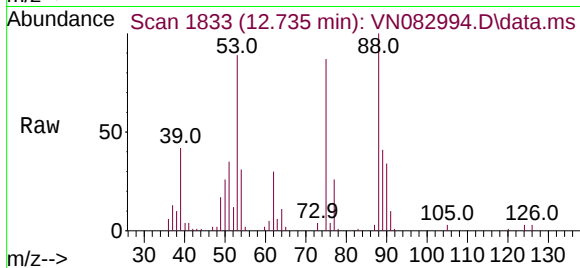




#81
trans-1,4-Dichloro-2-butene
Concen: 47.312 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

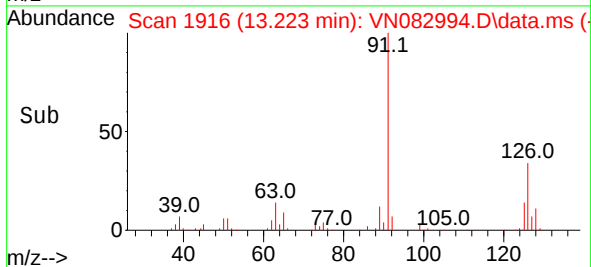
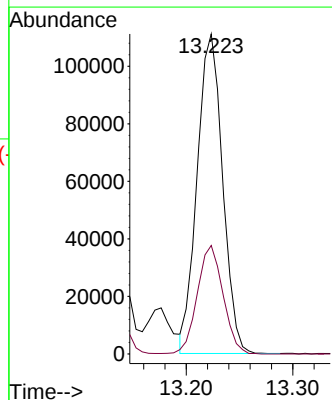
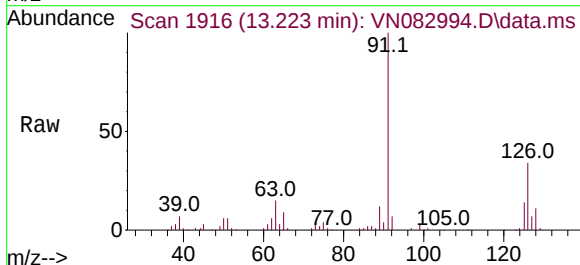
Instrument :
MSVOA_N
ClientSampleId :

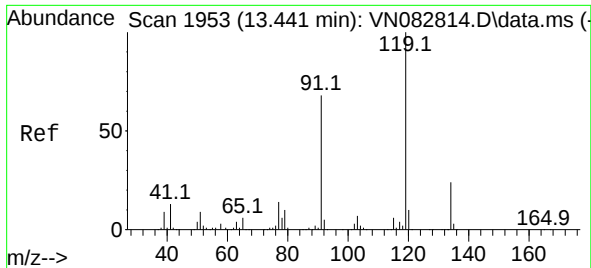
Tgt Ion: 75 Resp: 29069
Ion Ratio Lower Upper
75 100
53 98.6 88.4 132.6
89 46.0 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.961 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 91 Resp: 184504
Ion Ratio Lower Upper
91 100
126 34.5 16.2 48.6

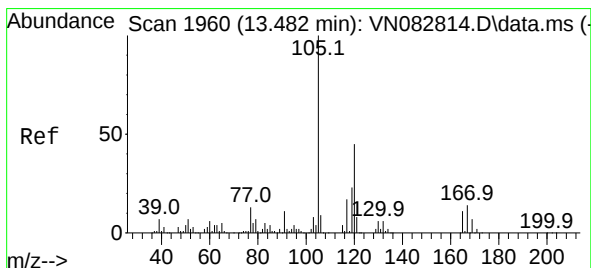
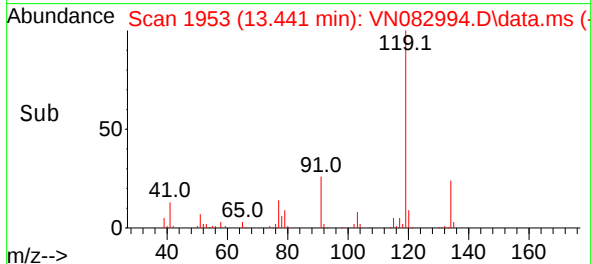
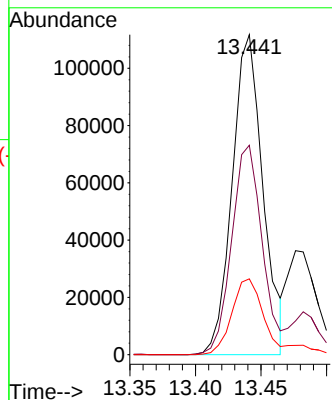
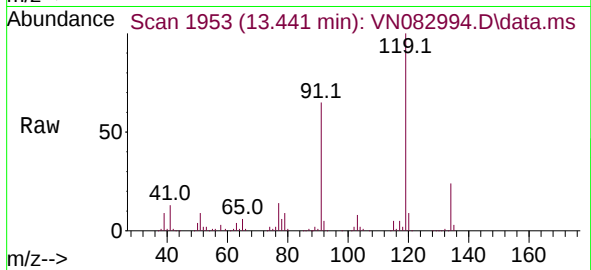




#83
tert-Butylbenzene
Concen: 49.885 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

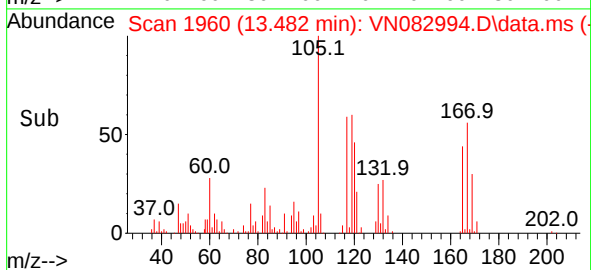
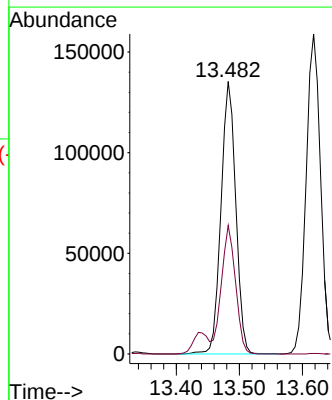
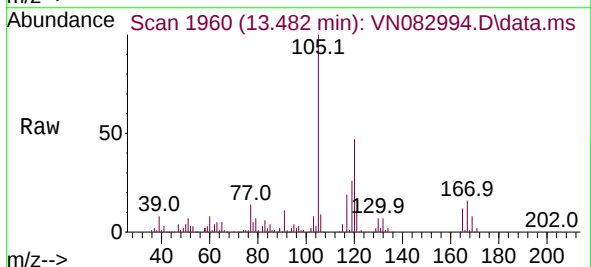
Instrument :
MSVOA_N
ClientSampleId :

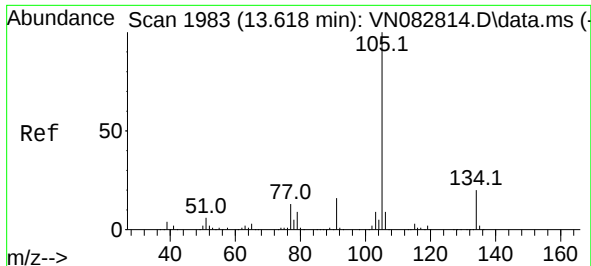
Tgt Ion:119 Resp: 182065
Ion Ratio Lower Upper
119 100
91 64.9 35.0 105.1
134 26.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 52.318 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion:105 Resp: 219523
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.8





#85

sec-Butylbenzene

Concen: 50.995 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.001 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

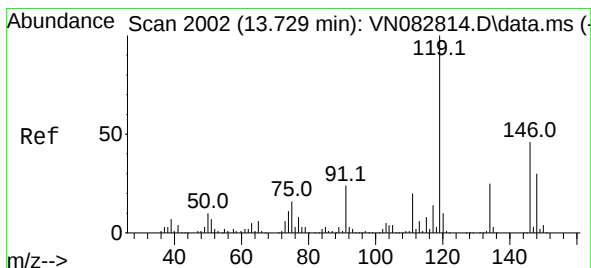
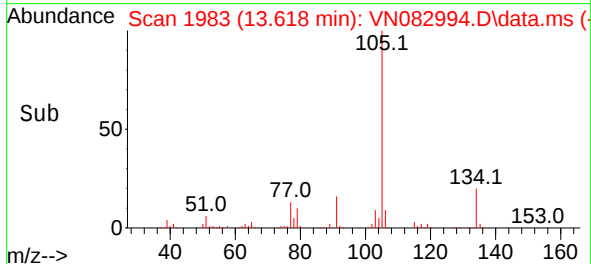
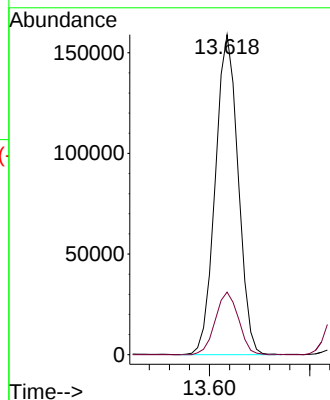
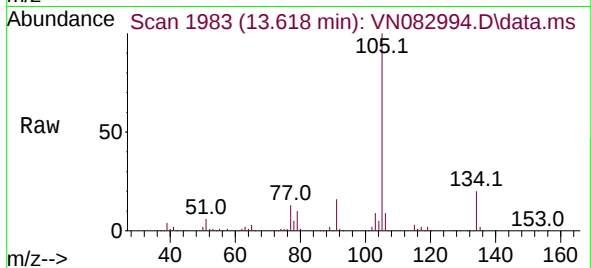
ClientSampleId :

Tgt Ion:105 Resp: 251509

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.270 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

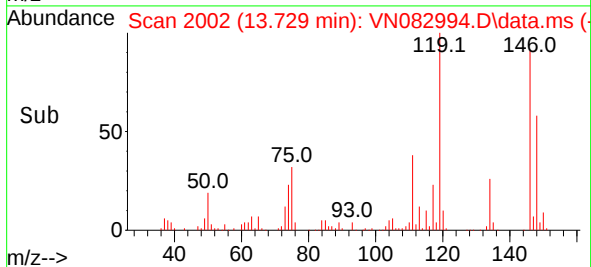
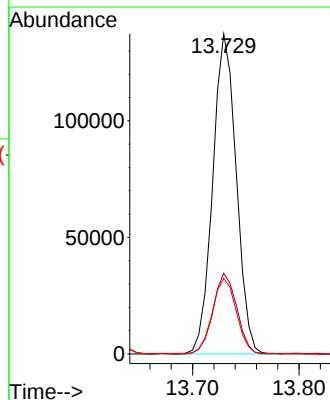
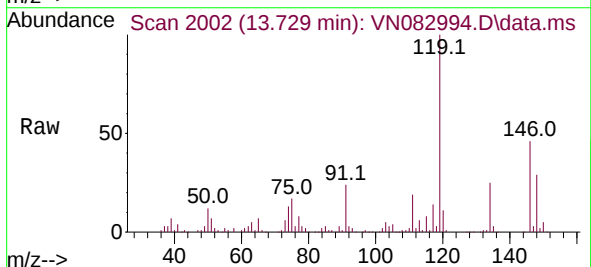
Tgt Ion:119 Resp: 210972

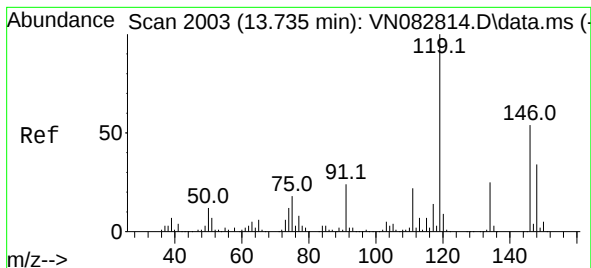
Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

91 24.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.558 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

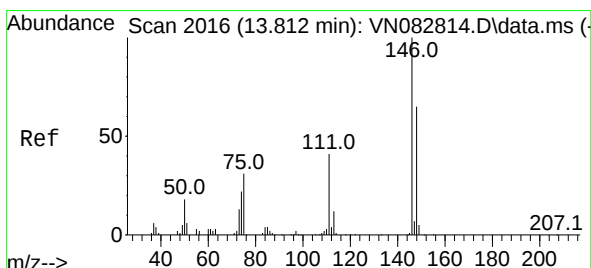
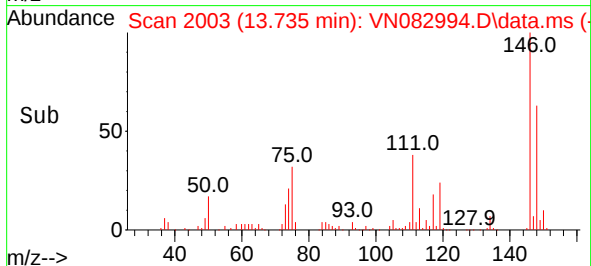
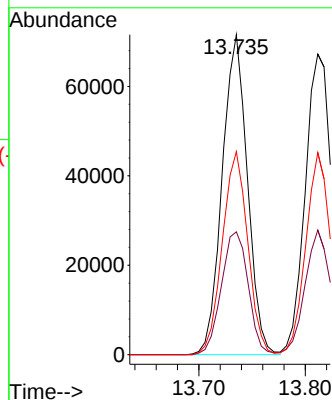
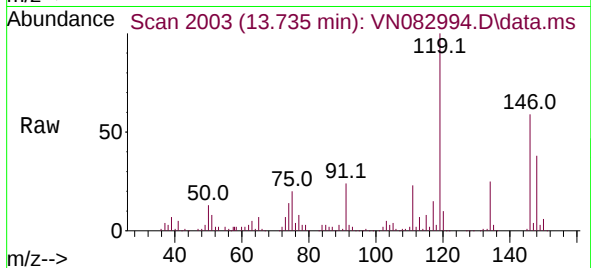
Tgt Ion:146 Resp: 117627

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.385 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.001 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

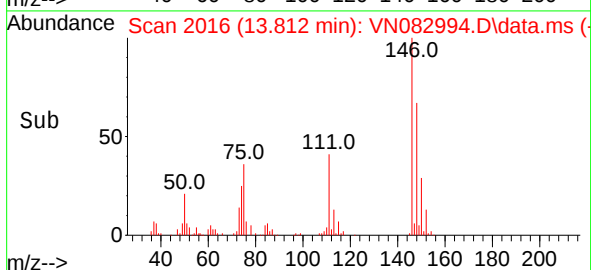
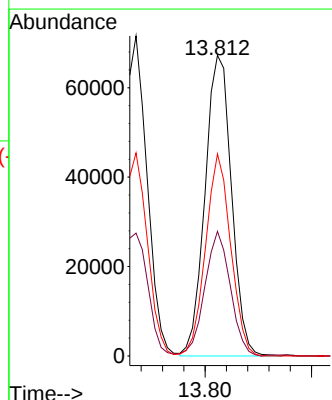
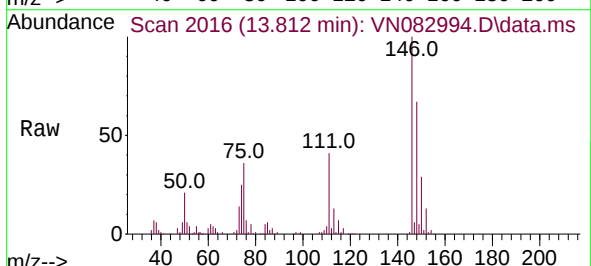
Tgt Ion:146 Resp: 116313

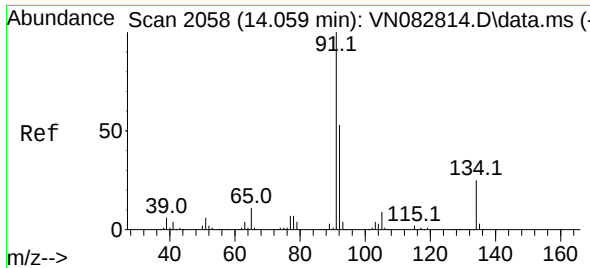
Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.3

148 63.8 32.2 96.6

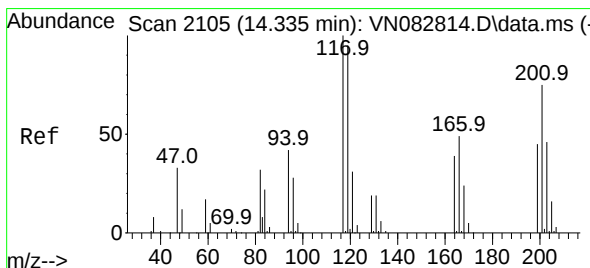
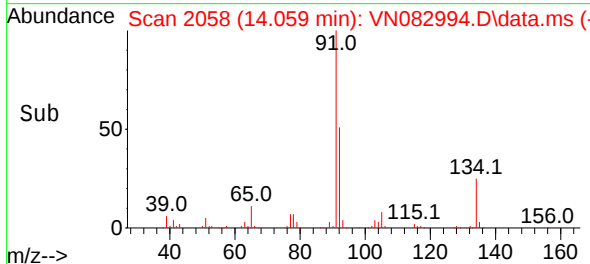
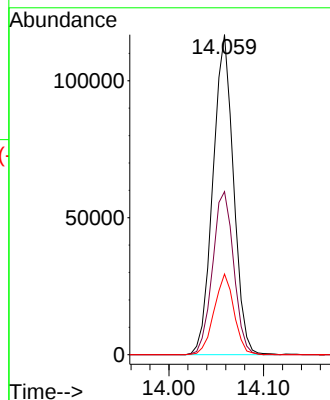
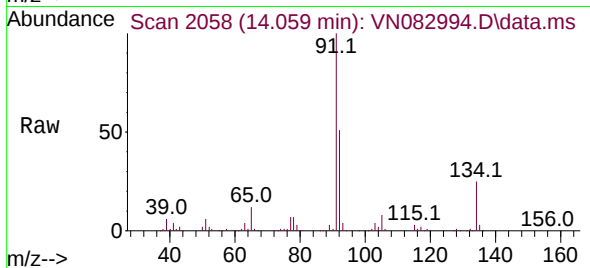




#89
n-Butylbenzene
Concen: 49.914 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

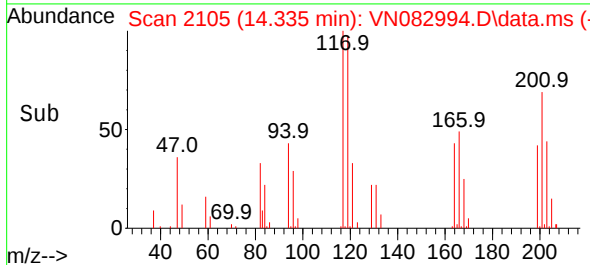
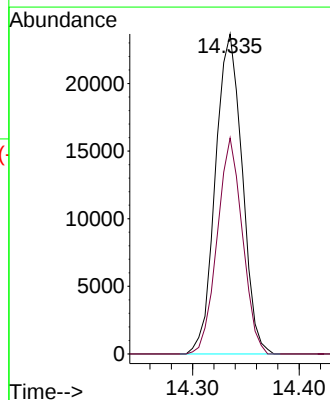
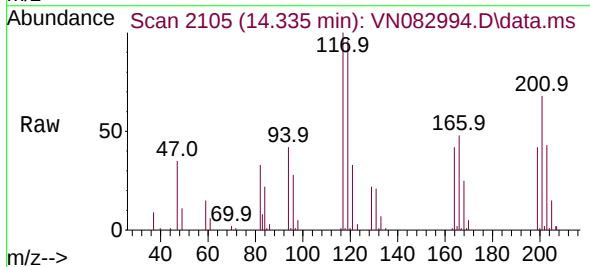
Instrument :
MSVOA_N
ClientSampleId :

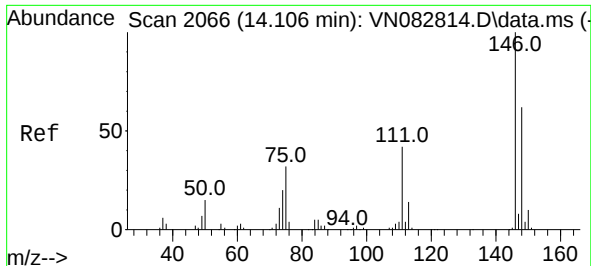
Tgt Ion: 91 Resp: 175962
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.3
134 24.5 12.1 36.3



#90
Hexachloroethane
Concen: 47.342 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 117 Resp: 41220
Ion Ratio Lower Upper
117 100
201 63.7 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 50.336 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

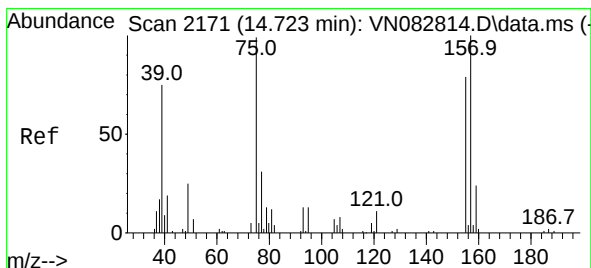
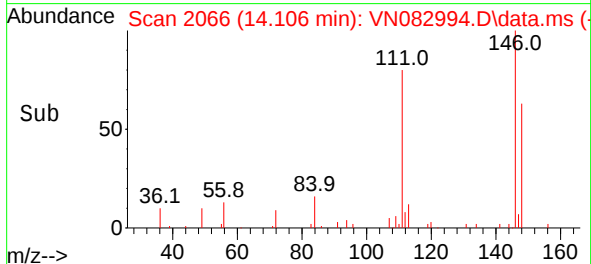
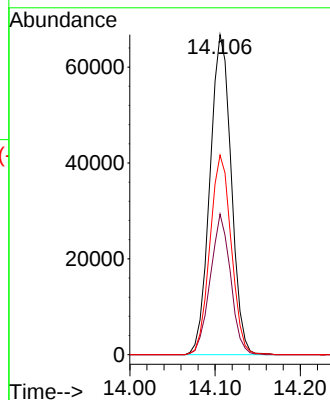
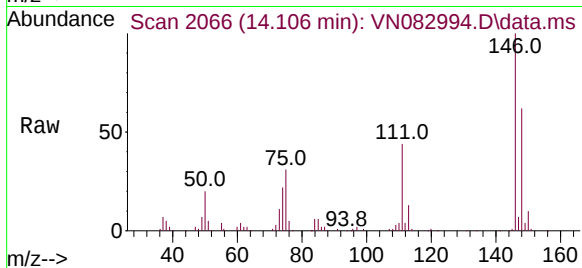
Tgt Ion:146 Resp: 116002

Ion Ratio Lower Upper

146 100

111 41.9 21.4 64.2

148 62.5 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.090 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

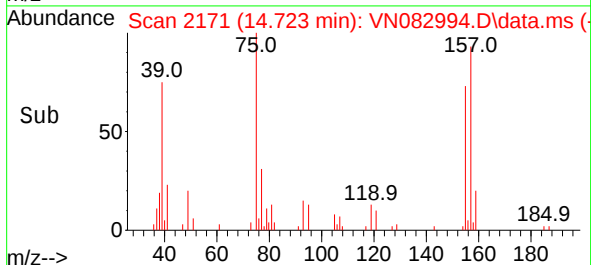
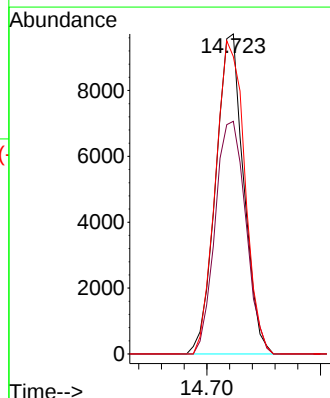
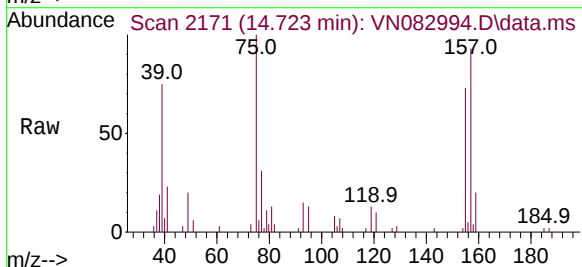
Tgt Ion: 75 Resp: 16617

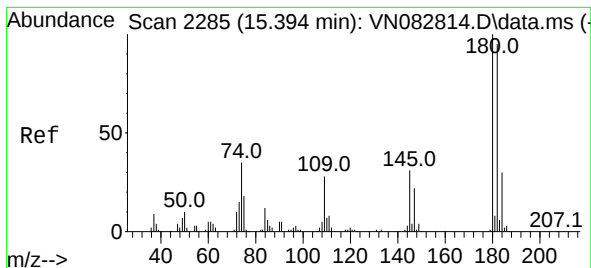
Ion Ratio Lower Upper

75 100

155 79.5 36.6 109.8

157 102.2 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 45.014 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min MSVOA_N

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

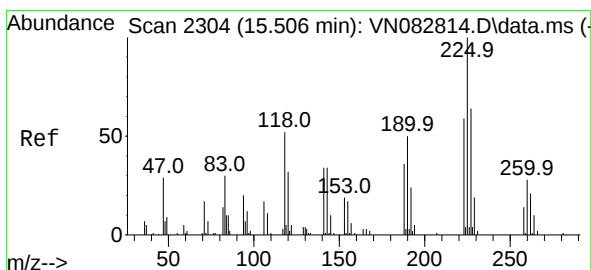
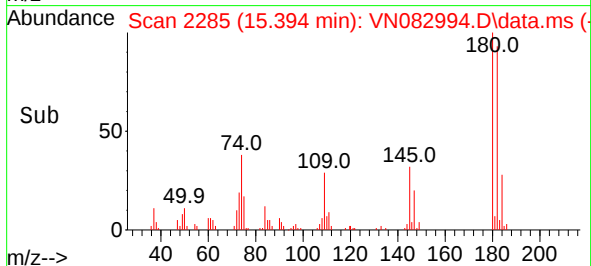
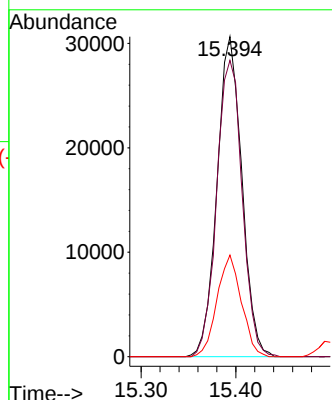
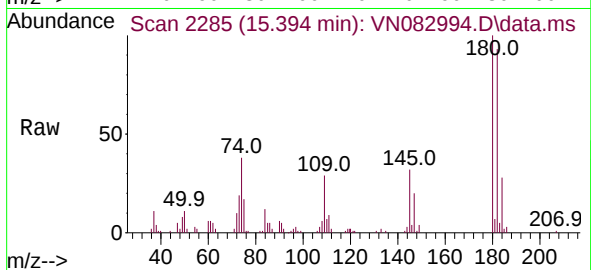
Tgt Ion:180 Resp: 55878

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 31.1 15.7 47.1



#94

Hexachlorobutadiene

Concen: 42.128 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

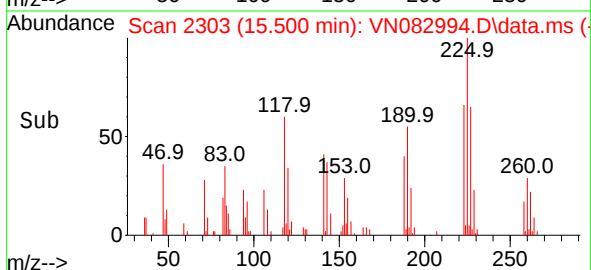
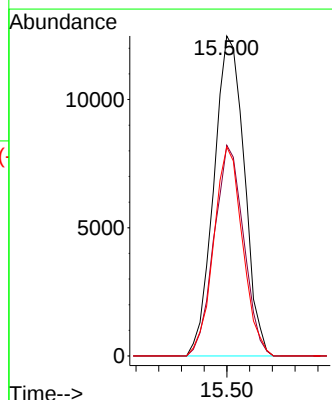
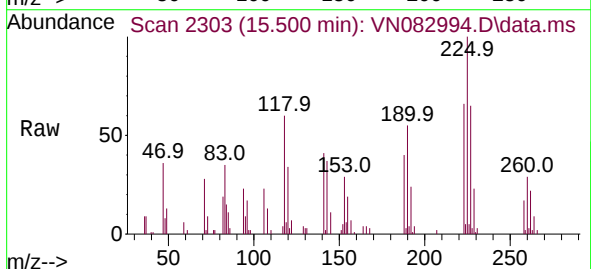
Tgt Ion:225 Resp: 23183

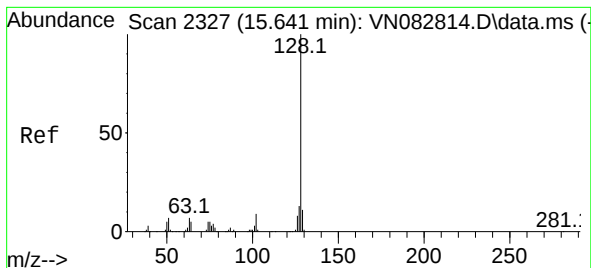
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.7

227 62.2 32.5 97.5





#95

Naphthalene

Concen: 47.254 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

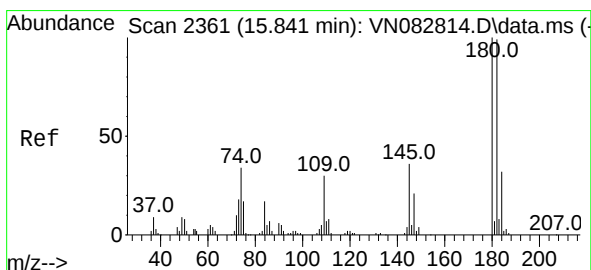
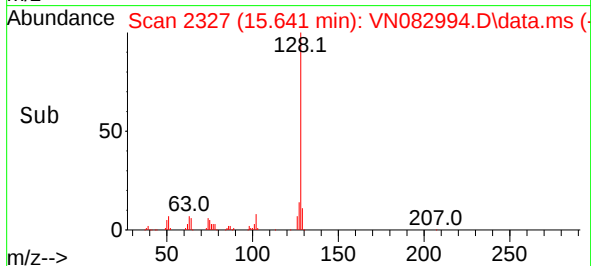
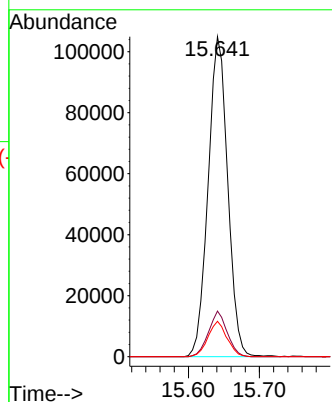
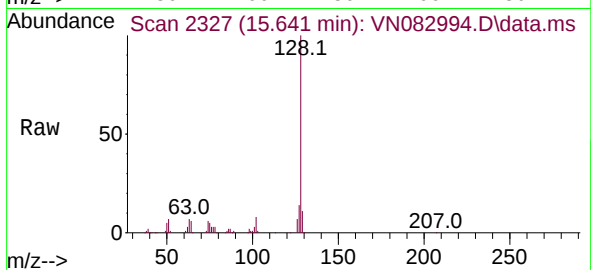
Tgt Ion:128 Resp: 200907

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 45.456 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Tgt Ion:180 Resp: 58017

Ion Ratio Lower Upper

180 100

182 93.9 48.9 146.8

145 32.6 16.8 50.4

