

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082983.D
 Acq On : 19 Jul 2024 12:57
 Operator : JC\MD
 Sample : VN0719WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 22 02:03:57 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	80760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	140125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	128571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59764	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	64673	57.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.260%	
35) Dibromofluoromethane	8.165	113	49544	55.101	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.200%	
50) Toluene-d8	10.565	98	181888	54.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.853	95	58979	49.441	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.880%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	20759	19.854	ug/l	97
3) Chloromethane	2.365	50	17731	17.882	ug/l	96
4) Vinyl Chloride	2.518	62	20577	19.759	ug/l	97
5) Bromomethane	2.959	94	14832	19.754	ug/l	98
6) Chloroethane	3.118	64	15976	22.418	ug/l	94
7) Trichlorofluoromethane	3.500	101	32756	21.869	ug/l	97
8) Diethyl Ether	3.959	74	10212	19.922	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	19290	22.755	ug/l	99
10) Methyl Iodide	4.595	142	17520	20.158	ug/l	92
11) Tert butyl alcohol	5.524	59	16881	88.656	ug/l	96
12) 1,1-Dichloroethene	4.342	96	16494	20.007	ug/l	88
13) Acrolein	4.183	56	10930	79.507	ug/l	90
14) Allyl chloride	5.018	41	23014	17.904	ug/l #	92
15) Acrylonitrile	5.724	53	47432	108.392	ug/l	99
16) Acetone	4.424	43	39876	100.045	ug/l	100
17) Carbon Disulfide	4.718	76	44115	17.907	ug/l	96
18) Methyl Acetate	5.024	43	26727	25.341	ug/l #	91
19) Methyl tert-butyl Ether	5.794	73	60147	21.150	ug/l	99
20) Methylene Chloride	5.271	84	21212	22.037	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	17465	19.551	ug/l	85
22) Diisopropyl ether	6.677	45	61441	22.847	ug/l #	94
23) Vinyl Acetate	6.606	43	221618	103.771	ug/l	95
24) 1,1-Dichloroethane	6.571	63	37474	22.973	ug/l	98
25) 2-Butanone	7.483	43	61700	102.520	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	31042	20.467	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	22297	21.320	ug/l	90
28) Bromochloromethane	7.818	49	16887	24.131	ug/l #	80
29) Tetrahydrofuran	7.841	42	40209	106.124	ug/l #	86
30) Chloroform	7.965	83	40223	23.243	ug/l	98
31) Cyclohexane	8.259	56	27663	18.690	ug/l	89
32) 1,1,1-Trichloroethane	8.165	97	35769	22.262	ug/l	94
36) 1,1-Dichloropropene	8.371	75	25753	20.774	ug/l	99
37) Ethyl Acetate	7.559	43	26185	20.747	ug/l	98
38) Carbon Tetrachloride	8.365	117	30335	20.323	ug/l	100
39) Methylcyclohexane	9.600	83	23416	17.487	ug/l	94
40) Benzene	8.606	78	81976	21.497	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	13691	20.135	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	30901	22.510	ug/l	95
43) Isopropyl Acetate	8.688	43	50962	19.611	ug/l	99
44) Trichloroethene	9.353	130	19110	19.561	ug/l	97
45) 1,2-Dichloropropane	9.624	63	20907	23.484	ug/l	94
46) Dibromomethane	9.712	93	15855	22.860	ug/l	97
47) Bromodichloromethane	9.888	83	33336	23.262	ug/l	96
48) Methyl methacrylate	9.682	41	19566	19.771	ug/l	85
49) 1,4-Dioxane	9.700	88	8170	374.260	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	136954	109.455	ug/l	95
52) Toluene	10.629	92	51691	21.700	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	31256	21.172	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	32764	20.967	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	21604	24.664	ug/l	97
56) Ethyl methacrylate	10.876	69	28470	20.891	ug/l	90
57) 1,3-Dichloropropane	11.165	76	35558	22.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	76238	109.024	ug/l	97
59) 2-Hexanone	11.194	43	98339	105.710	ug/l	95
60) Dibromochloromethane	11.359	129	24965	22.377	ug/l	99
61) 1,2-Dibromoethane	11.471	107	20160	21.673	ug/l	96
64) Tetrachloroethene	11.100	164	19673	20.509	ug/l	98
65) Chlorobenzene	11.894	112	56262	20.421	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	21873	22.320	ug/l	98
67) Ethyl Benzene	11.965	91	90386	19.520	ug/l	97
68) m/p-Xylenes	12.071	106	69999	40.041	ug/l	97
69) o-Xylene	12.400	106	33183	19.810	ug/l	93
70) Styrene	12.412	104	57684	20.842	ug/l	97
71) Bromoform	12.576	173	16082	20.867	ug/l #	99
73) Isopropylbenzene	12.694	105	83805	19.298	ug/l	100
74) N-amyl acetate	12.494	43	35723	19.887	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	28657	22.034	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	37821	36.706	ug/l	41
77) Bromobenzene	12.982	156	22547	20.125	ug/l	95
78) n-propylbenzene	13.035	91	100010	20.030	ug/l	99
79) 2-Chlorotoluene	13.123	91	62206	19.553	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	69519	19.804	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	11269	21.510	ug/l	87
82) 4-Chlorotoluene	13.223	91	61906	19.659	ug/l	98
83) tert-Butylbenzene	13.441	119	56896	18.282	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	70221	19.627	ug/l	96
85) sec-Butylbenzene	13.617	105	79754	18.964	ug/l	97
86) p-Isopropyltoluene	13.729	119	65115	18.558	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	40291	19.908	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	40666	19.429	ug/l	99
89) n-Butylbenzene	14.059	91	54423	18.105	ug/l	98
90) Hexachloroethane	14.329	117	15053	20.275	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	38884	19.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5376	17.867	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	18856	17.814	ug/l	98
94) Hexachlorobutadiene	15.500	225	8623	18.377	ug/l	98
95) Naphthalene	15.641	128	58136	16.036	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	19353	17.782	ug/l	98

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

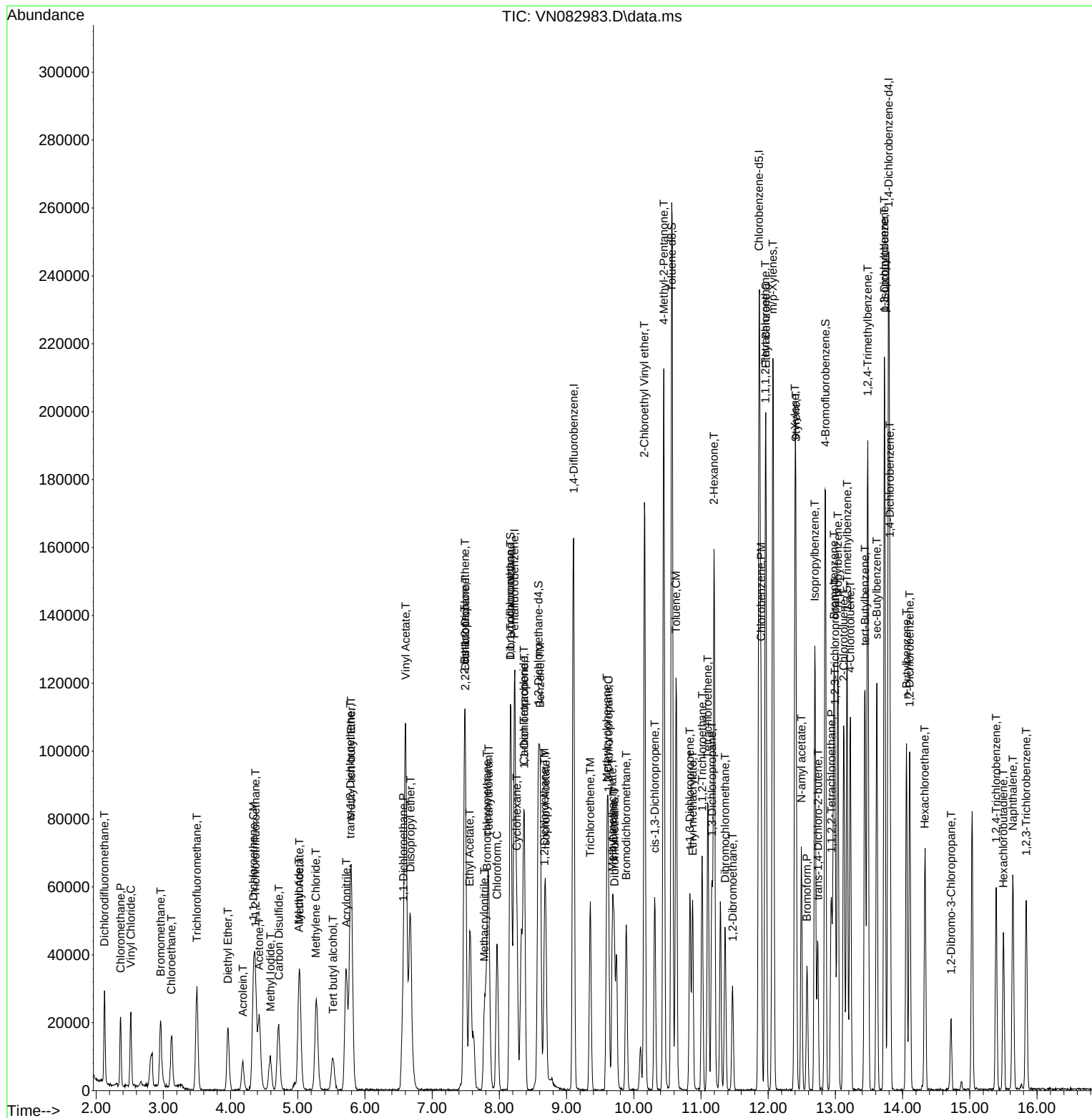
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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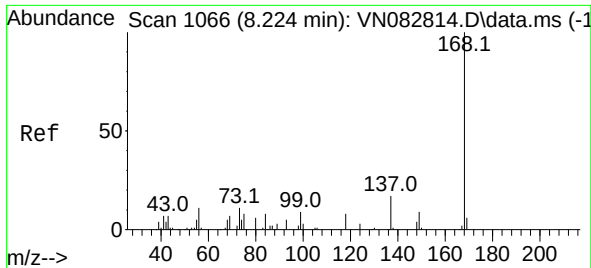
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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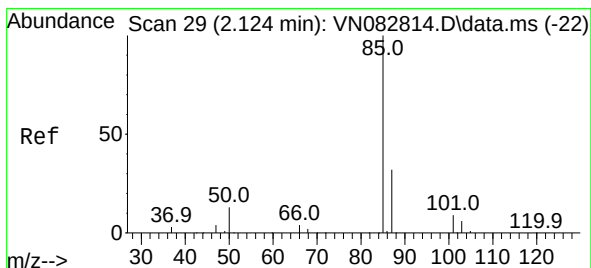
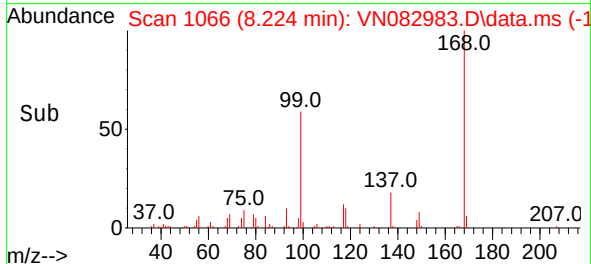
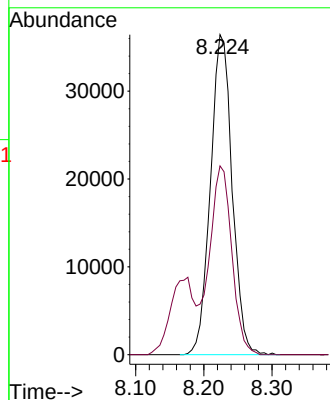
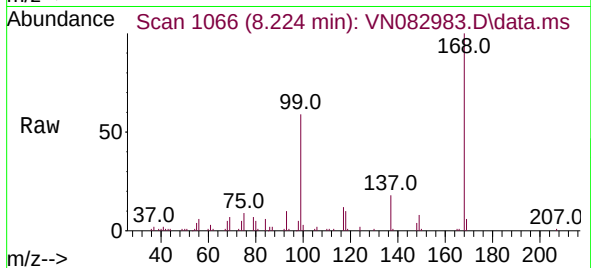




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
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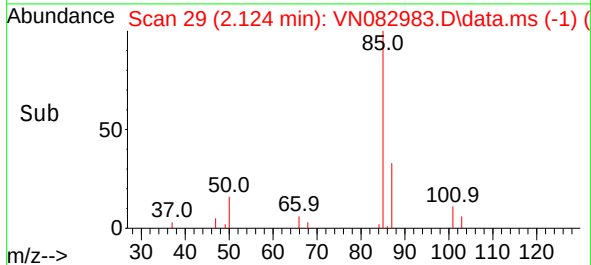
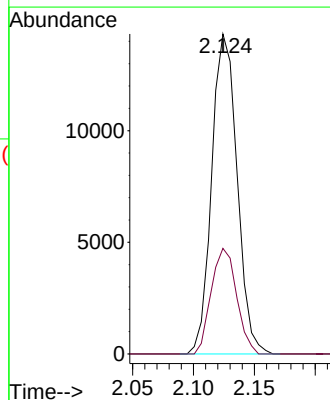
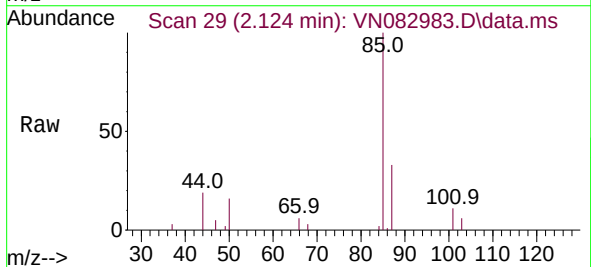
Instrument :
MSVOA_N
ClientSampleId :

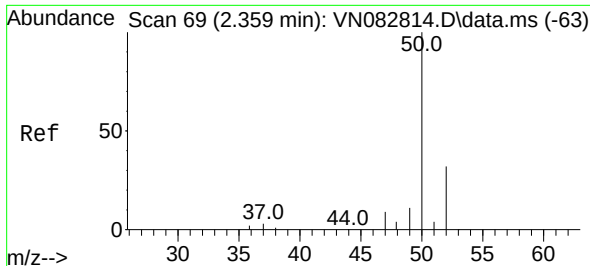
Tgt Ion:168 Resp: 80760
Ion Ratio Lower Upper
168 100
99 59.0 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 19.854 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 85 Resp: 20759
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0

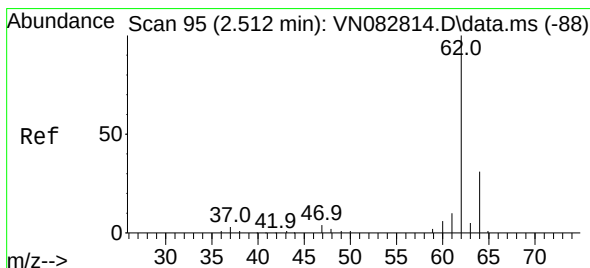
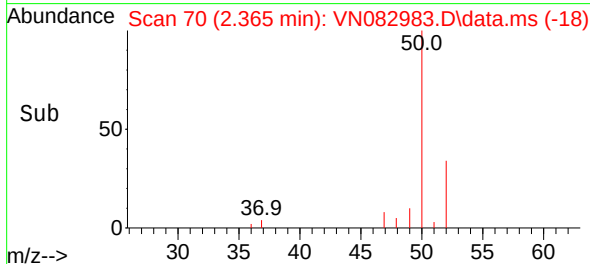
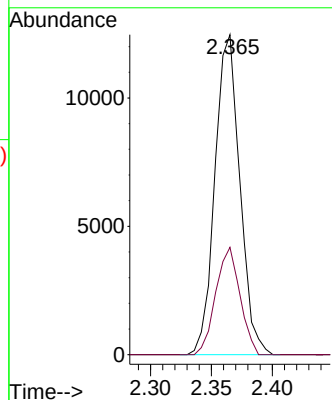
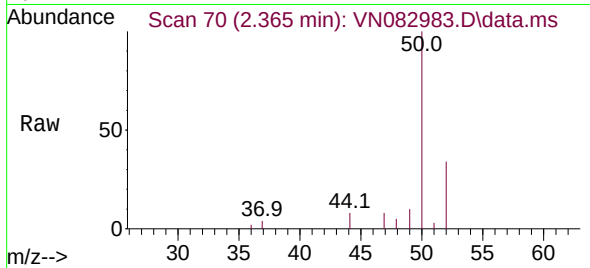




#3
Chloromethane
Concen: 17.882 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

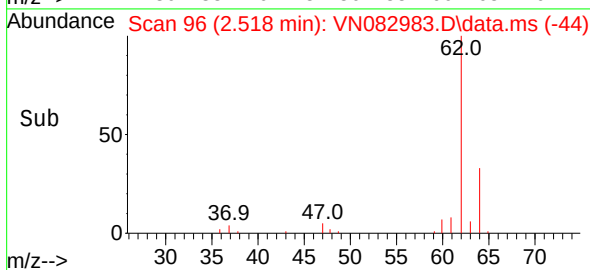
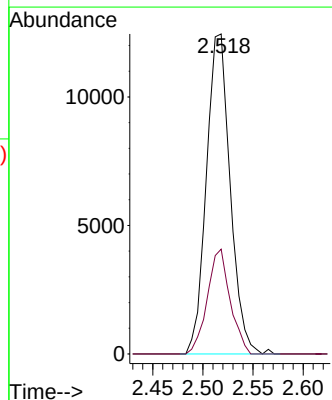
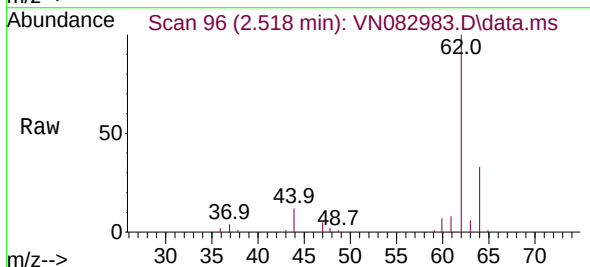
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MSVOA_N
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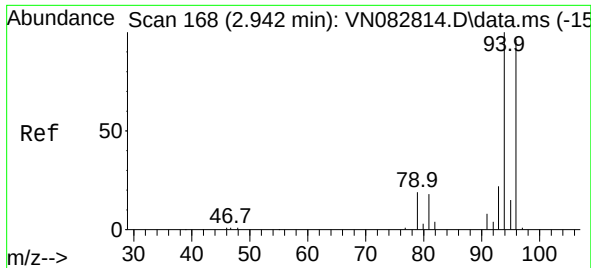
Tgt Ion: 50 Resp: 17731
Ion Ratio Lower Upper
50 100
52 33.6 25.0 37.4



#4
Vinyl Chloride
Concen: 19.759 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 62 Resp: 20577
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6





#5

Bromomethane

Concen: 19.754 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

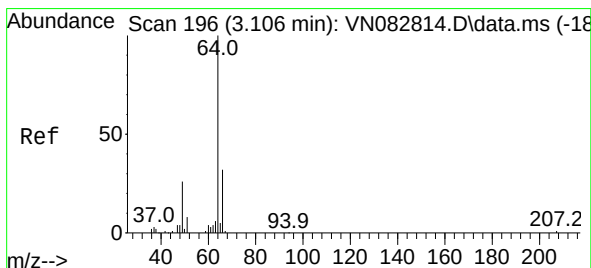
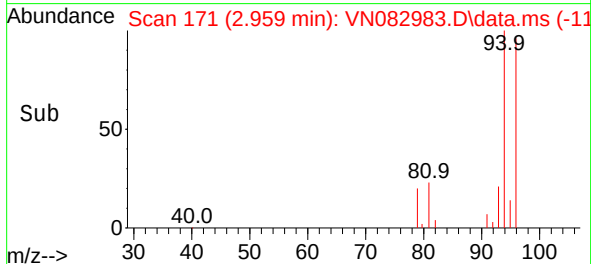
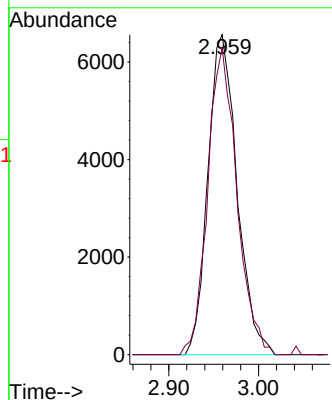
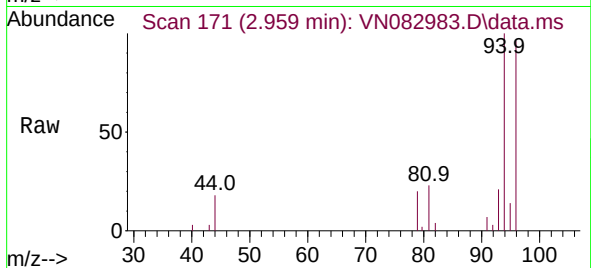
ClientSampleId :

Tgt Ion: 94 Resp: 14832

Ion Ratio Lower Upper

94 100

96 96.0 78.0 117.0



#6

Chloroethane

Concen: 22.418 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN082983.D

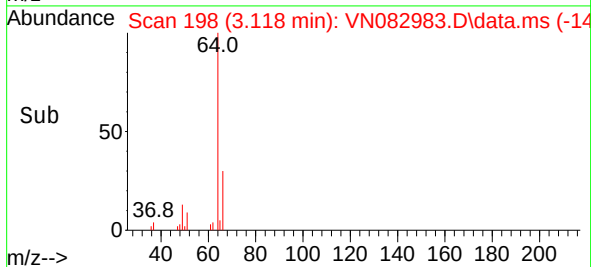
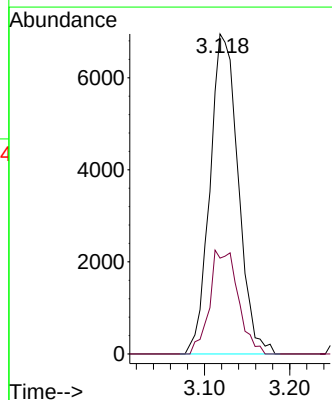
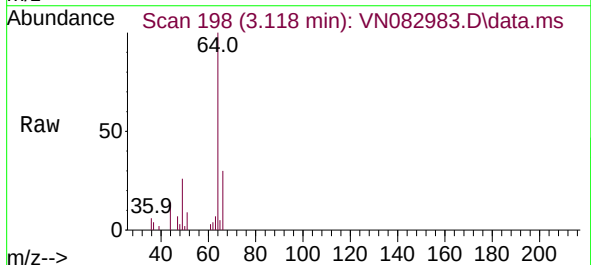
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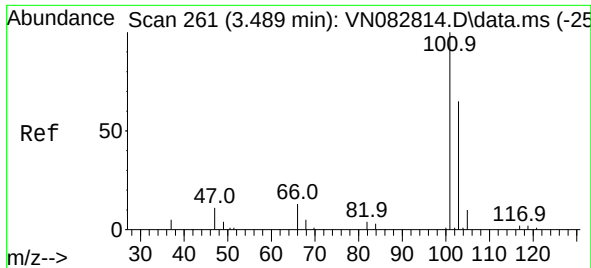
Tgt Ion: 64 Resp: 15976

Ion Ratio Lower Upper

64 100

66 29.9 26.6 40.0

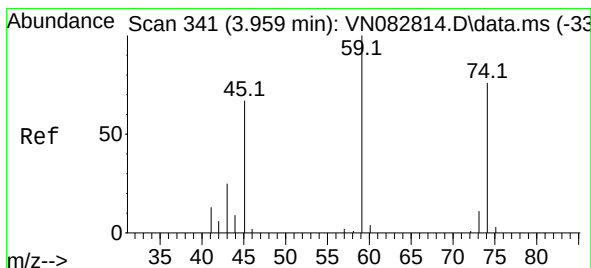
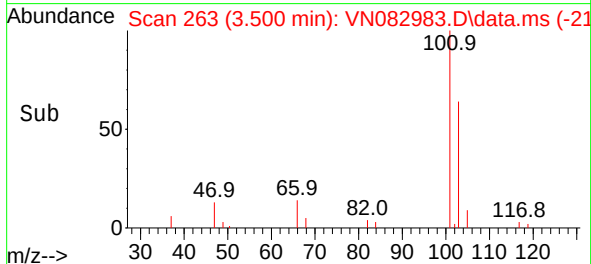
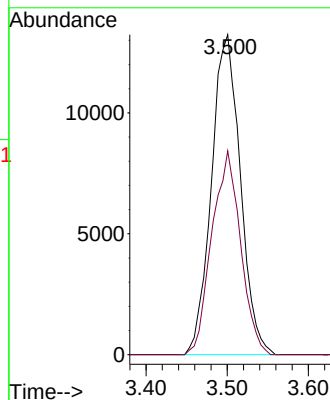
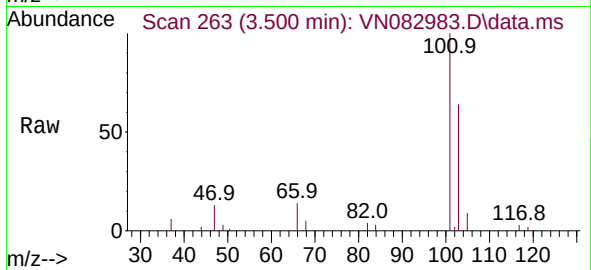




#7
Trichlorofluoromethane
Concen: 21.869 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

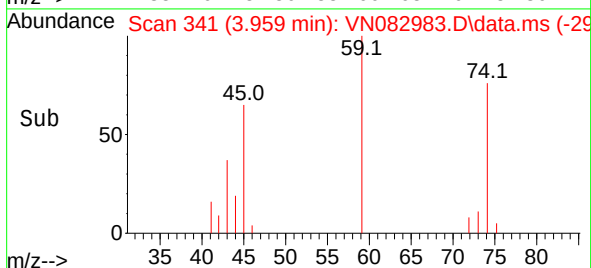
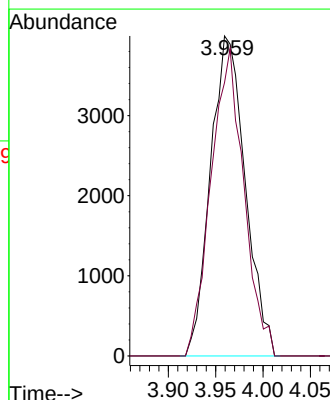
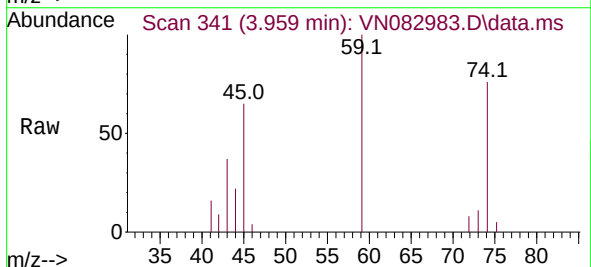
Instrument :
MSVOA_N
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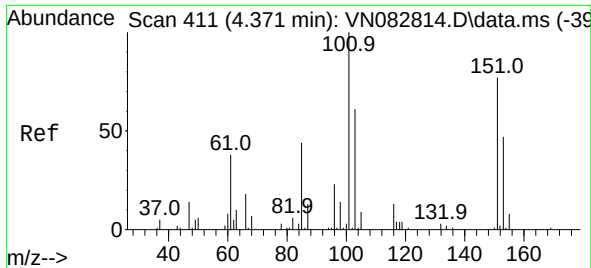
Tgt Ion:101 Resp: 32756
Ion Ratio Lower Upper
101 100
103 63.7 52.7 79.1



#8
Diethyl Ether
Concen: 19.922 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 74 Resp: 10212
Ion Ratio Lower Upper
74 100
45 90.7 55.5 166.3

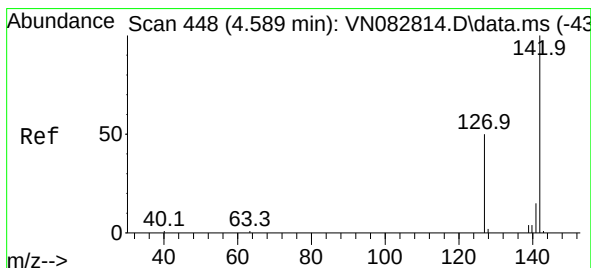
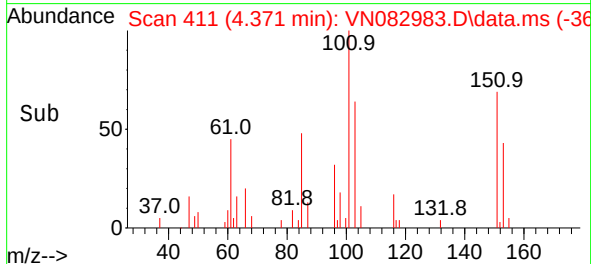
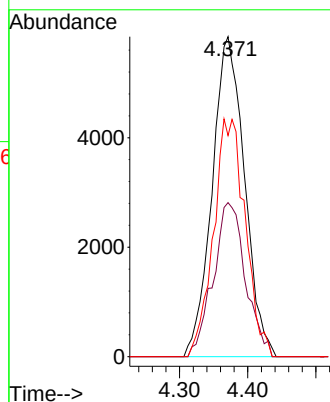
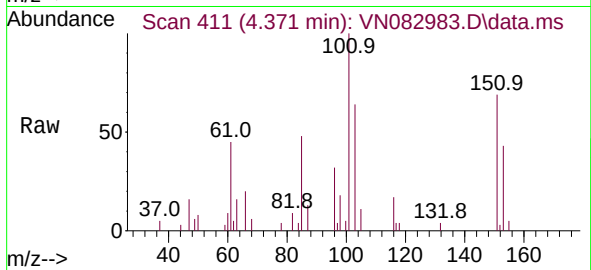




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.755 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

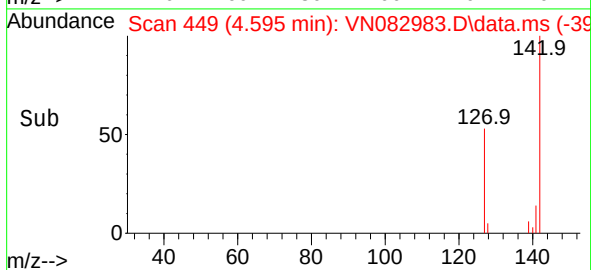
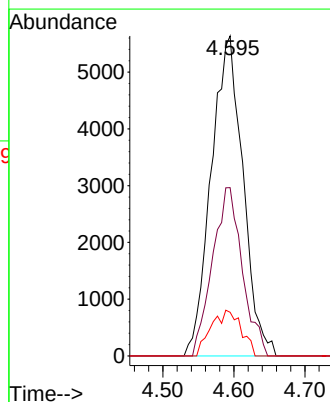
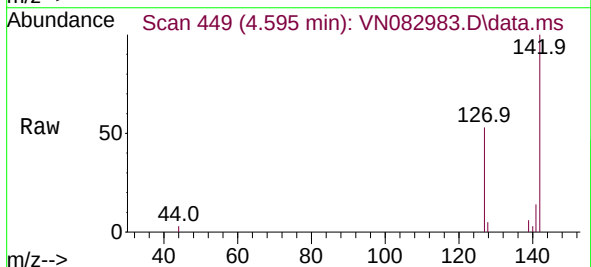
Instrument :
MSVOA_N
ClientSampleId :

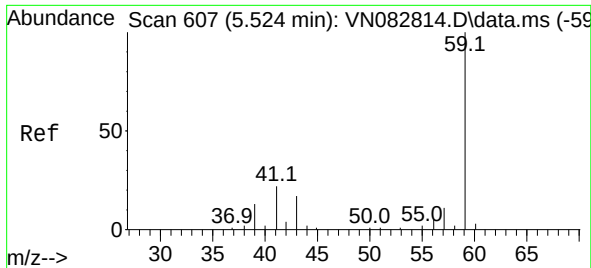
Tgt Ion:	101	Resp:	19290
Ion	Ratio	Lower	Upper
101	100		
85	48.0	38.3	57.5
151	72.8	59.3	88.9



#10
Methyl Iodide
Concen: 20.158 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.007 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

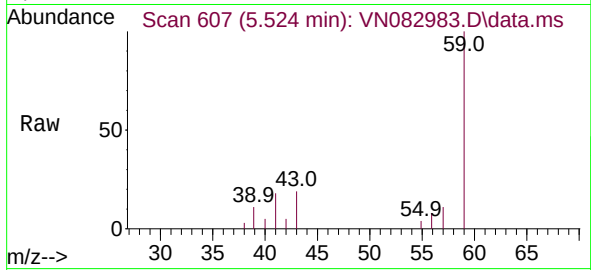
Tgt Ion:	142	Resp:	17520
Ion	Ratio	Lower	Upper
142	100		
127	52.6	37.5	56.3
141	13.6	13.1	19.7



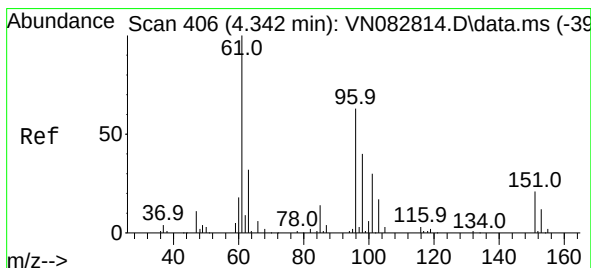
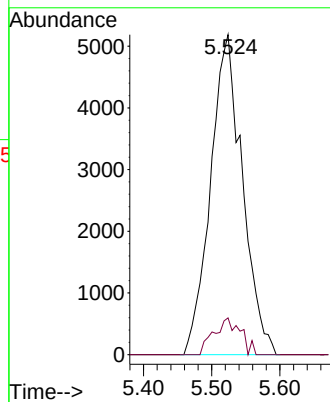
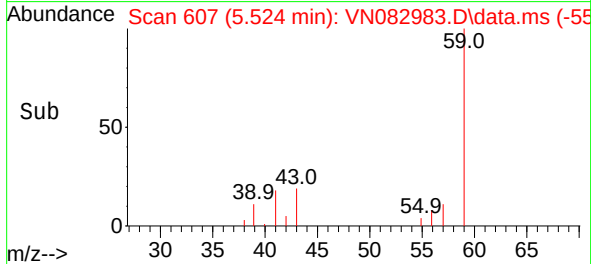


#11
Tert butyl alcohol
Concen: 88.656 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

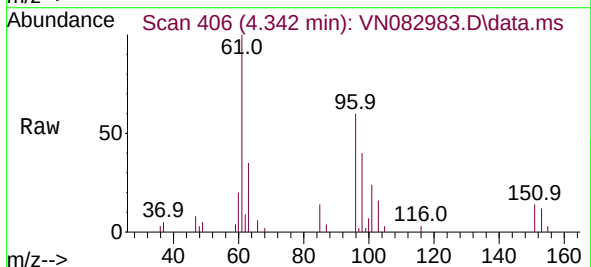
Instrument :
MSVOA_N
ClientSampleId :



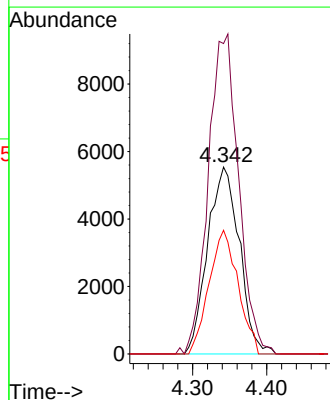
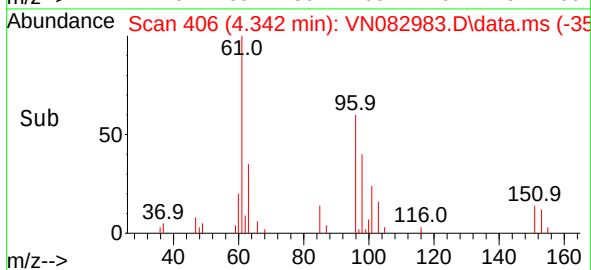
Tgt Ion: 59 Resp: 16881
Ion Ratio Lower Upper
59 100
57 9.6 8.9 13.3

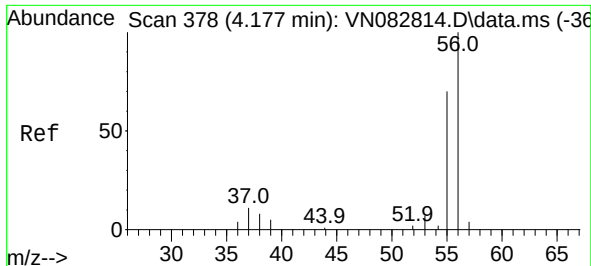


#12
1,1-Dichloroethene
Concen: 20.007 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57



Tgt Ion: 96 Resp: 16494
Ion Ratio Lower Upper
96 100
61 166.1 149.7 224.5
98 66.2 50.1 75.1

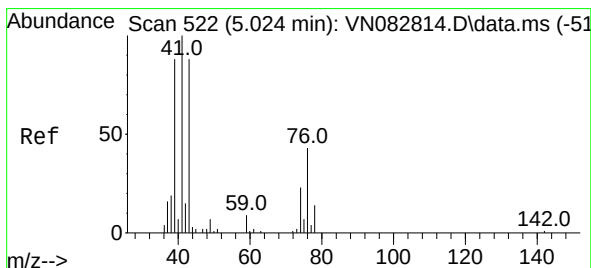
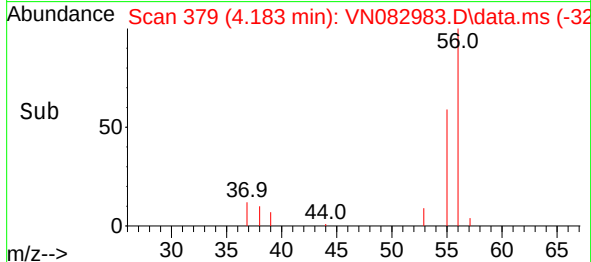
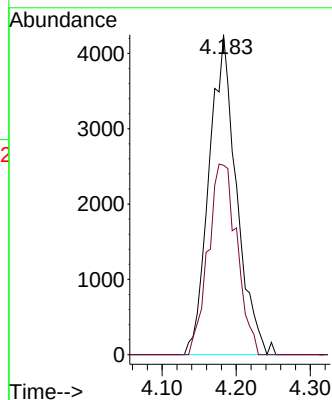
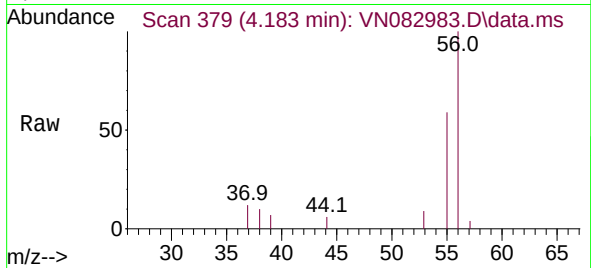




#13
Acrolein
Concen: 79.507 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

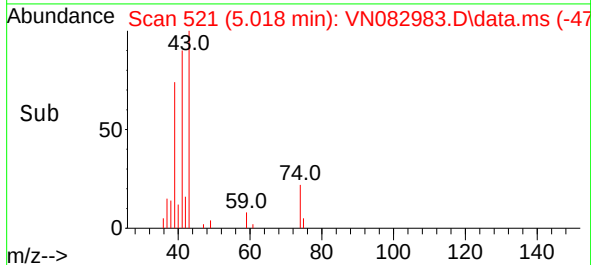
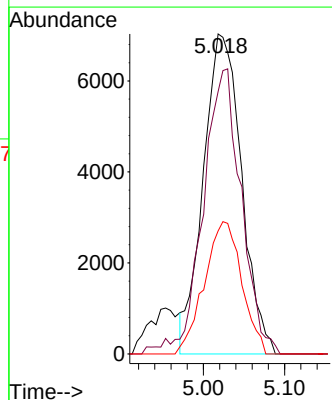
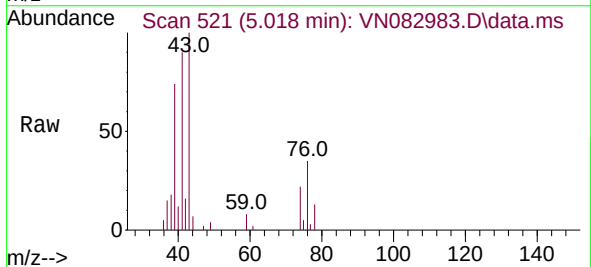
Instrument :
MSVOA_N
ClientSampleId :

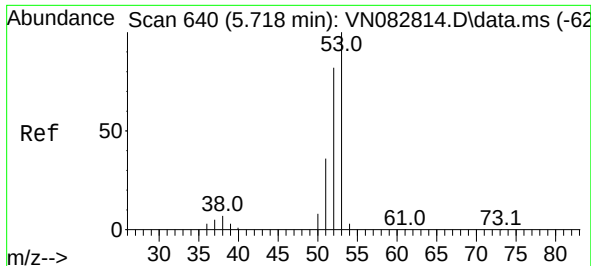
Tgt Ion: 56 Resp: 10930
Ion Ratio Lower Upper
56 100
55 62.4 56.4 84.6



#14
Allyl chloride
Concen: 17.904 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 41 Resp: 23014
Ion Ratio Lower Upper
41 100
39 89.1 67.8 101.6
76 40.4 25.8 38.8#





#15

Acrylonitrile

Concen: 108.392 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

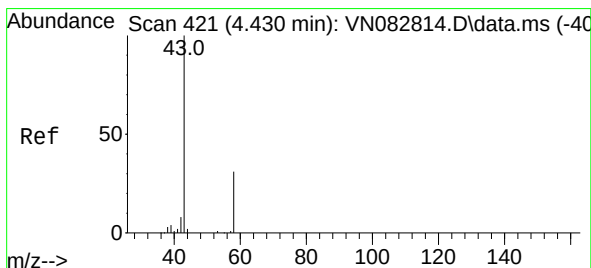
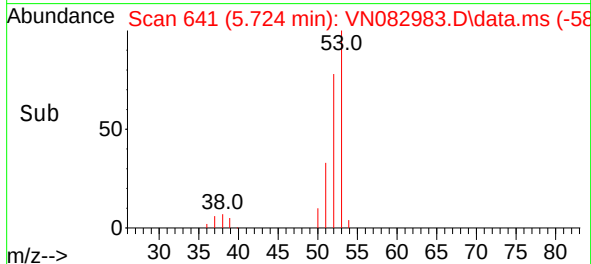
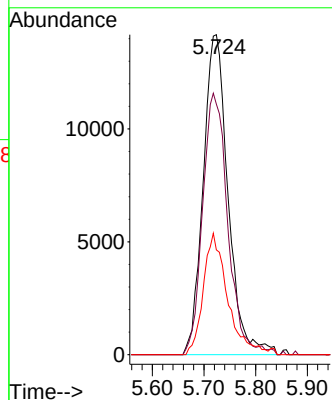
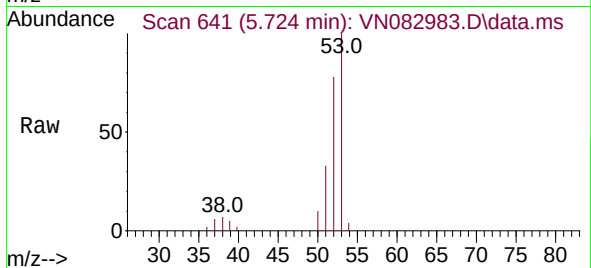
Tgt Ion: 53 Resp: 47432

Ion Ratio Lower Upper

53 100

52 82.7 66.6 100.0

51 36.9 30.1 45.1



#16

Acetone

Concen: 100.045 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.006 min

Lab File: VN082983.D

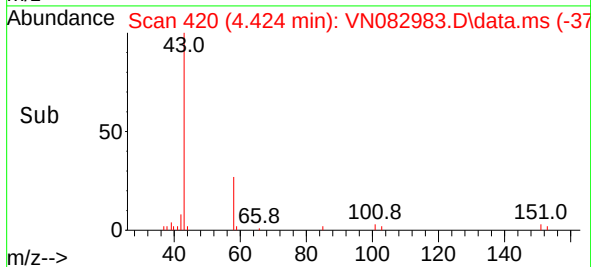
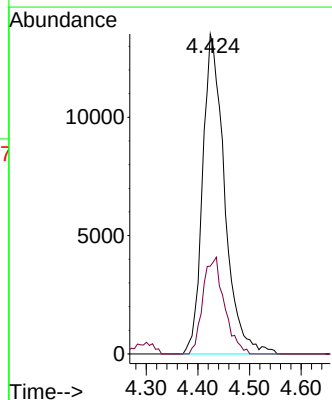
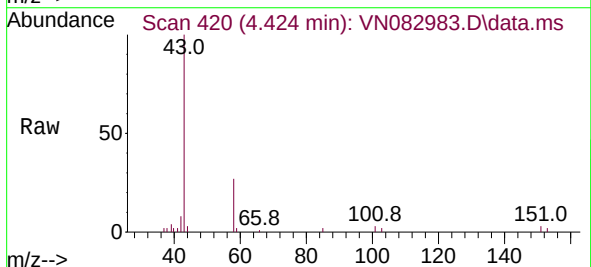
Acq: 19 Jul 2024 12:57

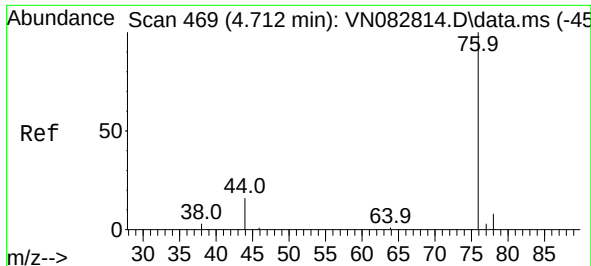
Tgt Ion: 43 Resp: 39876

Ion Ratio Lower Upper

43 100

58 27.4 21.8 32.6

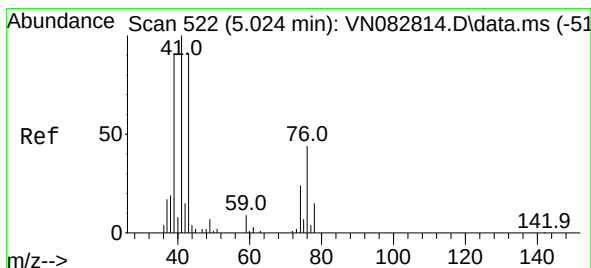
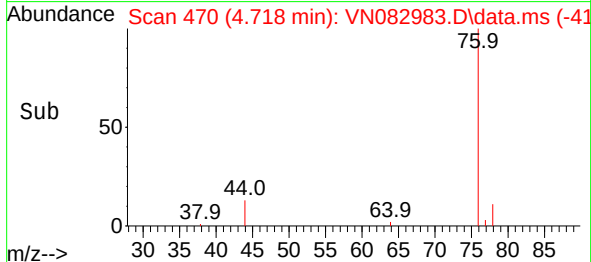
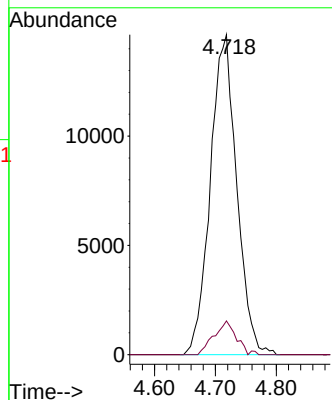
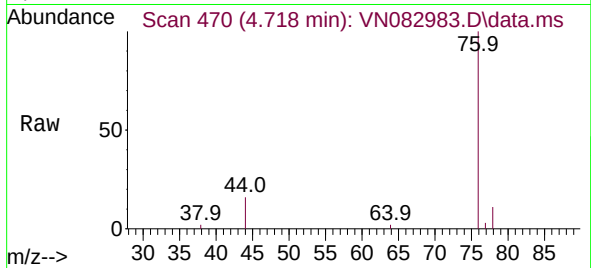




#17
Carbon Disulfide
Concen: 17.907 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

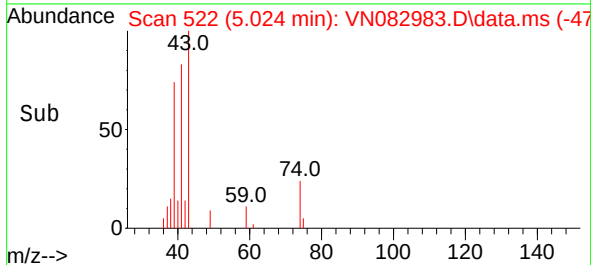
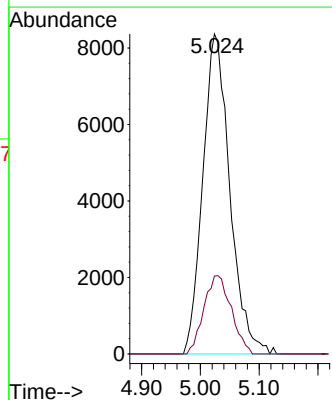
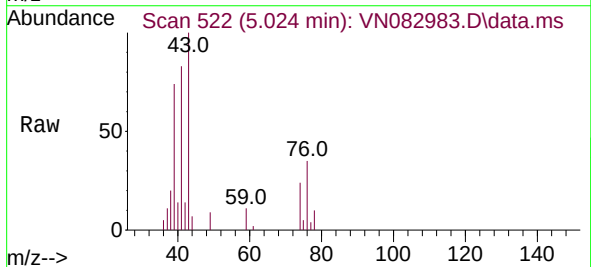
Instrument :
MSVOA_N
ClientSampleId :

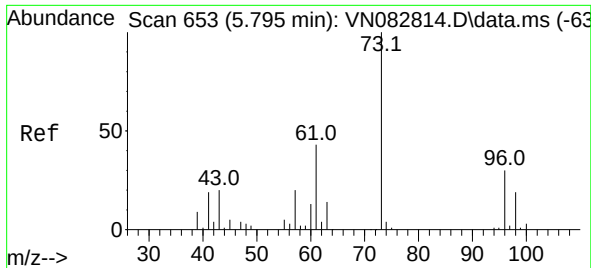
Tgt Ion: 76 Resp: 44115
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8



#18
Methyl Acetate
Concen: 25.341 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 43 Resp: 26727
Ion Ratio Lower Upper
43 100
74 24.7 16.3 24.5#





#19

Methyl tert-butyl Ether

Concen: 21.150 ug/l

RT: 5.794 min Scan# 60

Delta R.T. -0.006 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

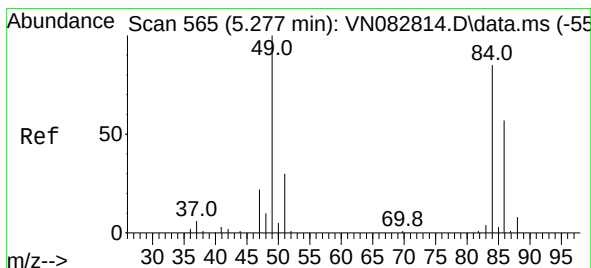
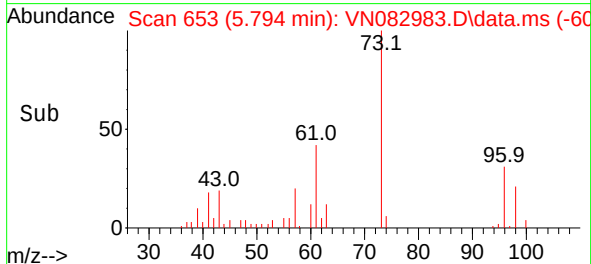
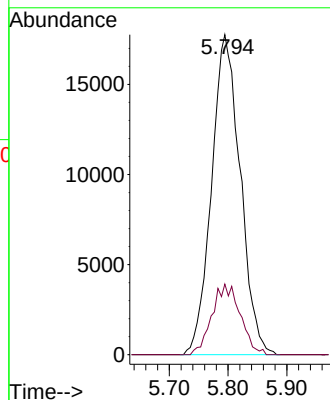
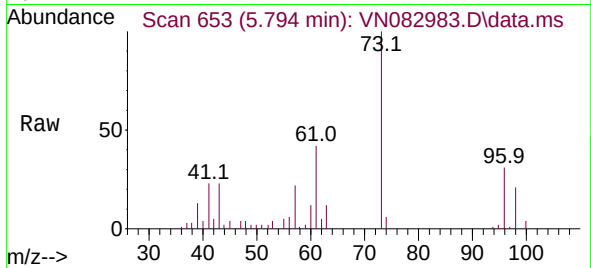
ClientSampleId :

Tgt Ion: 73 Resp: 60147

Ion Ratio Lower Upper

73 100

57 22.1 17.9 26.9



#20

Methylene Chloride

Concen: 22.037 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Tgt Ion: 84 Resp: 21212

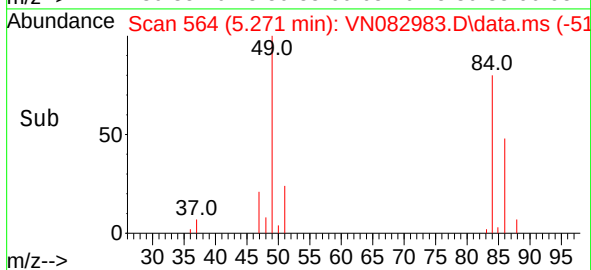
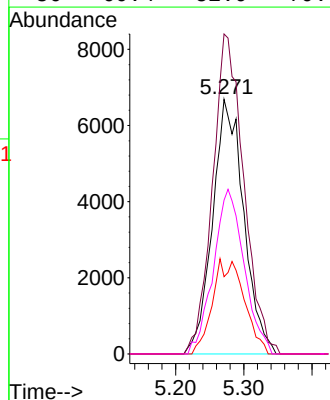
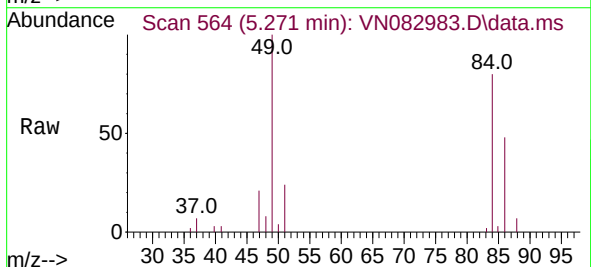
Ion Ratio Lower Upper

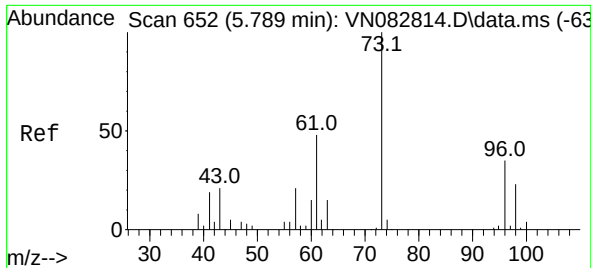
84 100

49 125.7 119.6 179.4

51 30.3 34.8 52.2#

86 60.4 52.9 79.3

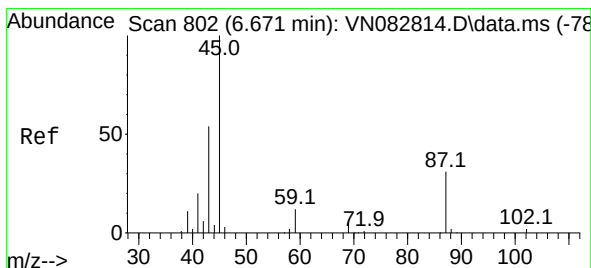
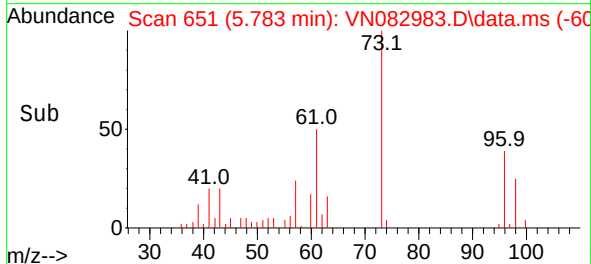
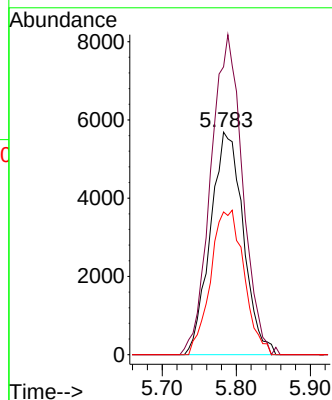
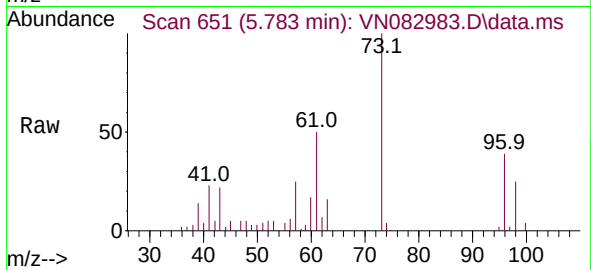




#21
trans-1,2-Dichloroethene
Concen: 19.551 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

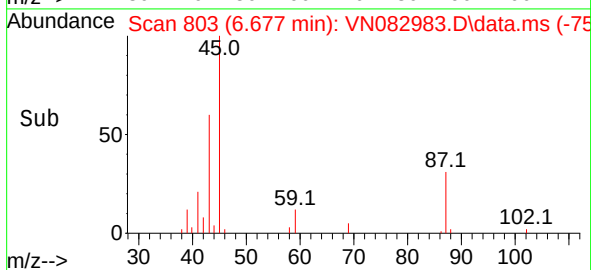
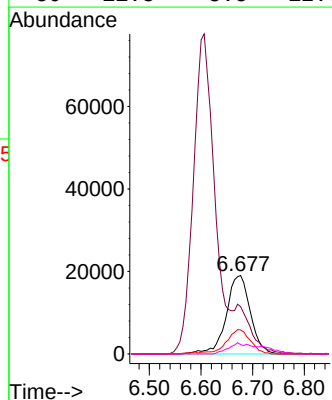
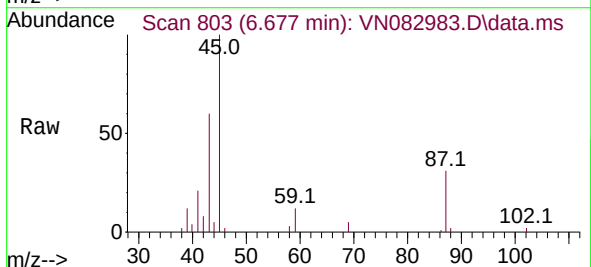
Instrument :
MSVOA_N
ClientSampleId :

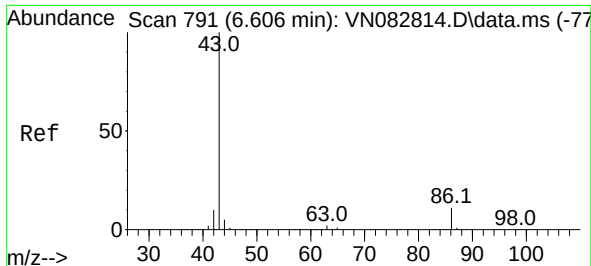
Tgt Ion: 96 Resp: 17465
Ion Ratio Lower Upper
96 100
61 129.3 123.4 185.2
98 64.2 49.3 73.9



#22
Diisopropyl ether
Concen: 22.847 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 45 Resp: 61441
Ion Ratio Lower Upper
45 100
43 58.2 44.0 66.0
87 30.7 19.7 29.5#
59 11.8 8.5 12.7

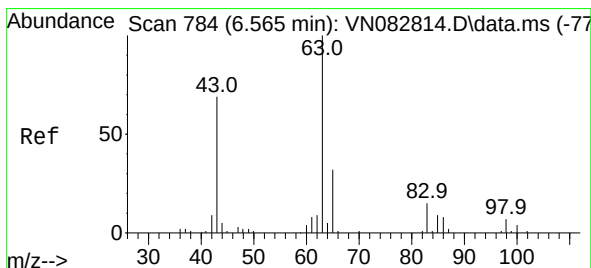
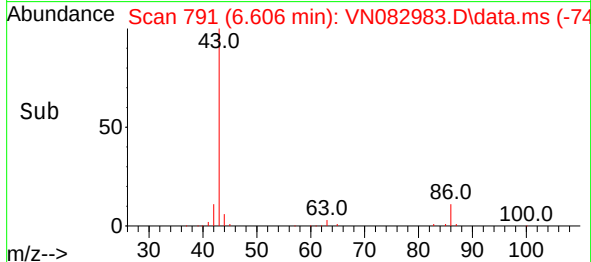
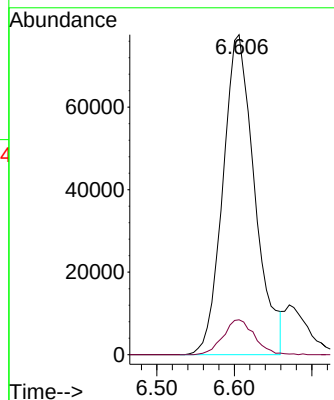
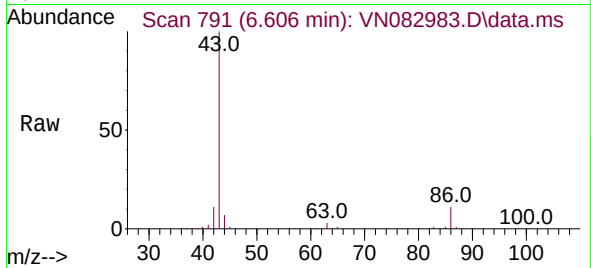




#23
 Vinyl Acetate
 Concen: 103.771 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082983.D
 Acq: 19 Jul 2024 12:57

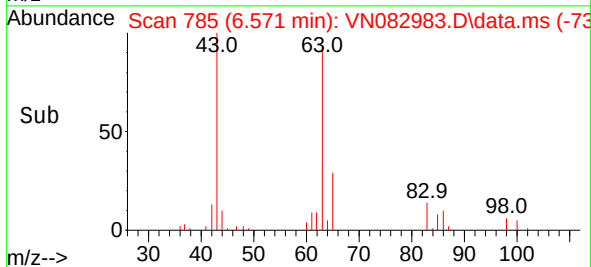
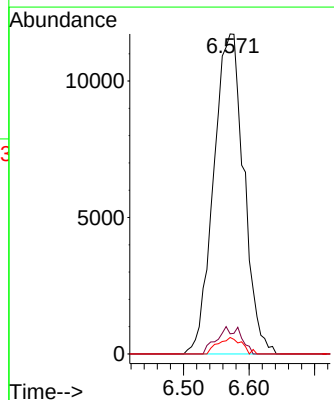
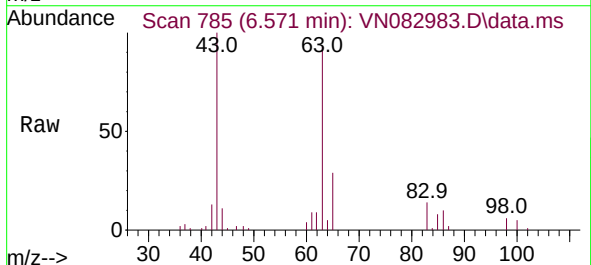
Instrument :
 MSVOA_N
 ClientSampleId :

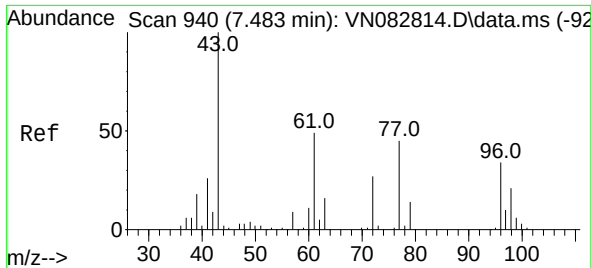
Tgt Ion: 43 Resp: 221618
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 22.973 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082983.D
 Acq: 19 Jul 2024 12:57

Tgt Ion: 63 Resp: 37474
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 5.1 2.0 6.0

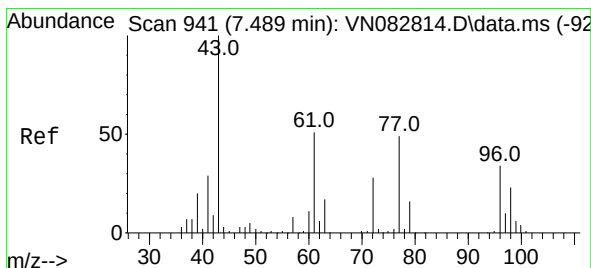
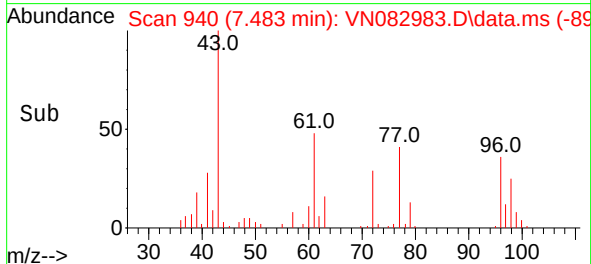
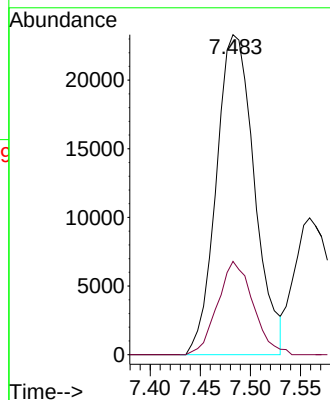
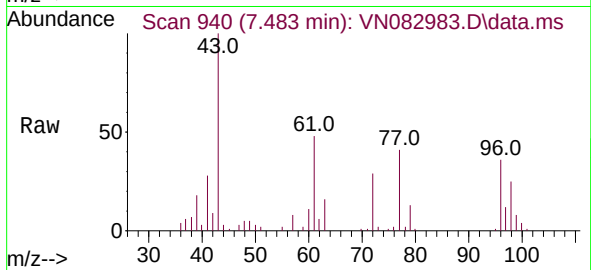




#25
2-Butanone
Concen: 102.520 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

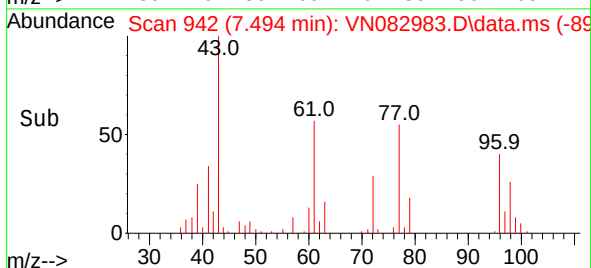
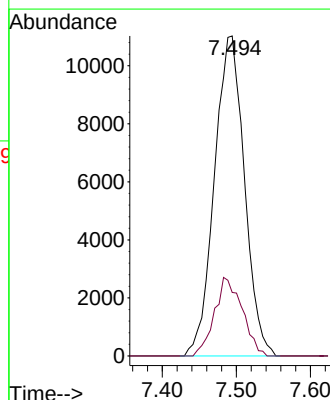
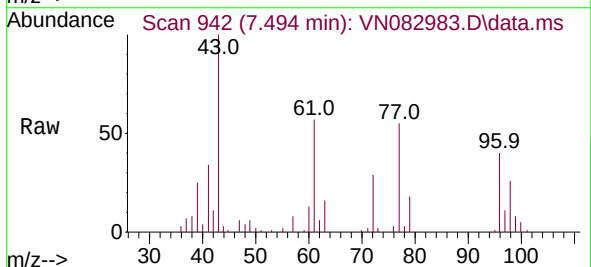
Instrument :
MSVOA_N
ClientSampleId :

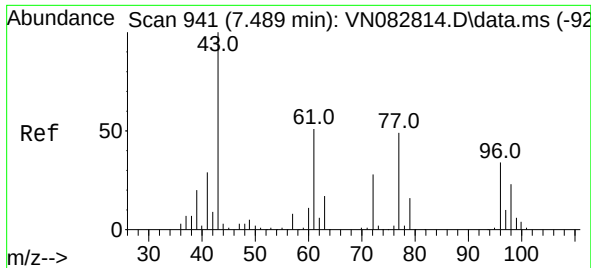
Tgt Ion: 43 Resp: 61700
Ion Ratio Lower Upper
43 100
72 29.2 18.2 27.2#



#26
2,2-Dichloropropane
Concen: 20.467 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 77 Resp: 31042
Ion Ratio Lower Upper
77 100
97 22.7 10.3 30.9

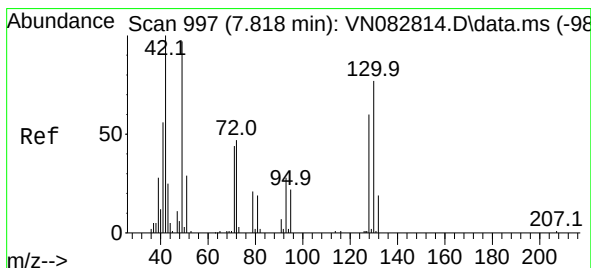
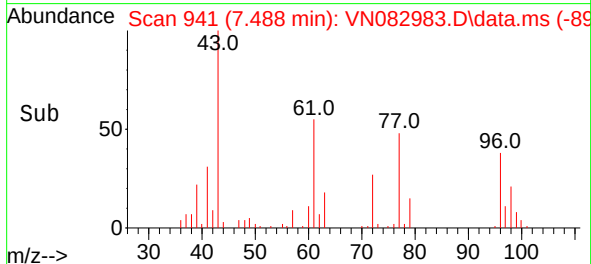
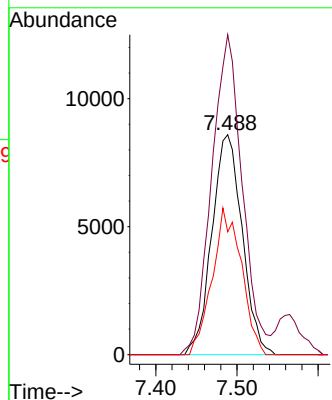
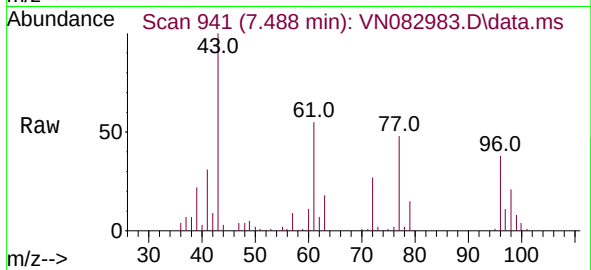




#27
cis-1,2-Dichloroethene
Concen: 21.320 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

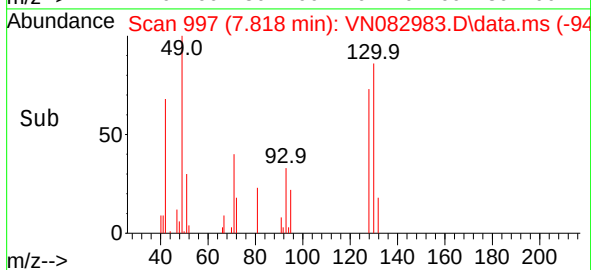
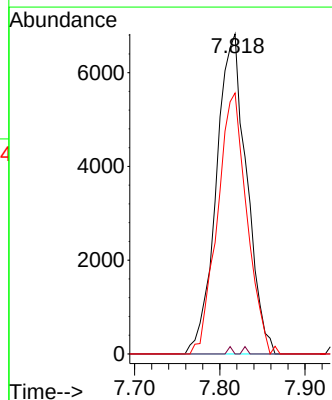
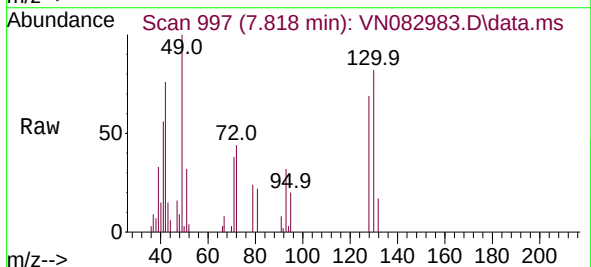
Instrument :
MSVOA_N
ClientSampleId :

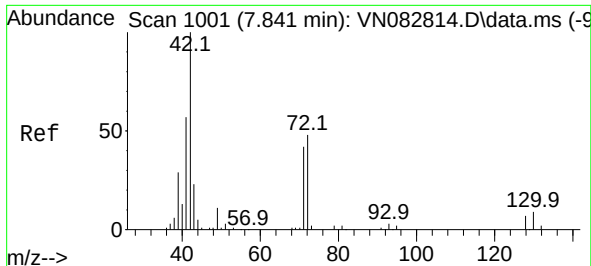
Tgt Ion: 96 Resp: 22297
Ion Ratio Lower Upper
96 100
61 147.1 0.0 329.6
98 64.2 0.0 128.6



#28
Bromochloromethane
Concen: 24.131 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 49 Resp: 16887
Ion Ratio Lower Upper
49 100
129 0.3 0.0 3.8
130 79.2 50.5 75.7#

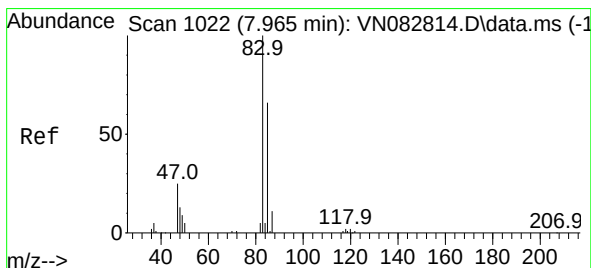
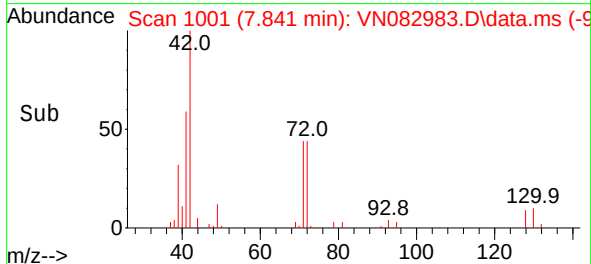
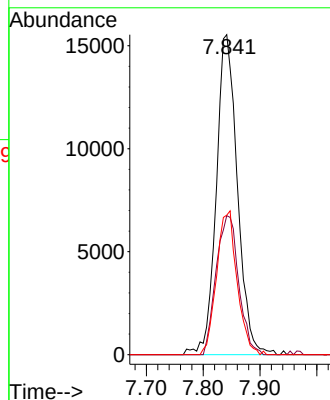
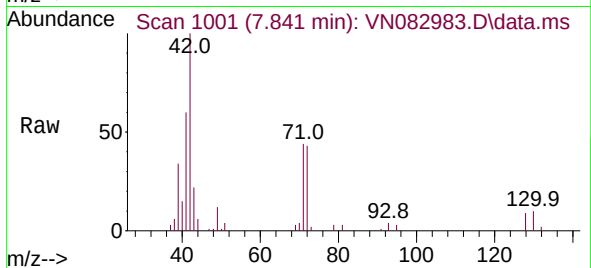




#29
Tetrahydrofuran
Concen: 106.124 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

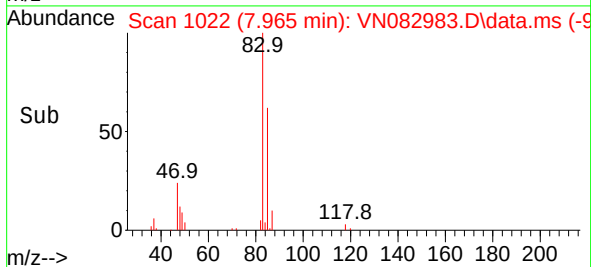
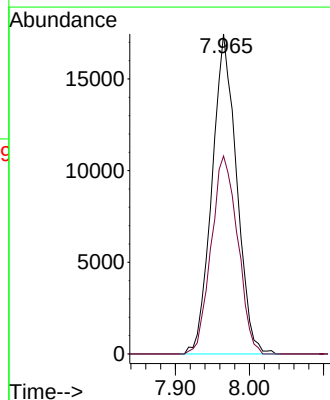
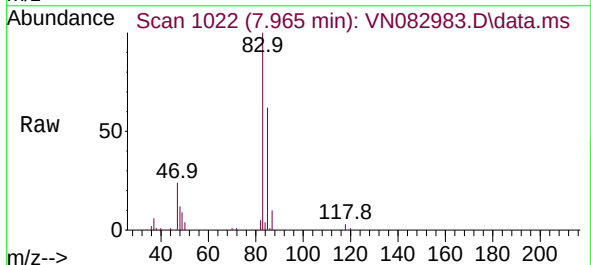
Instrument :
MSVOA_N
ClientSampleId :

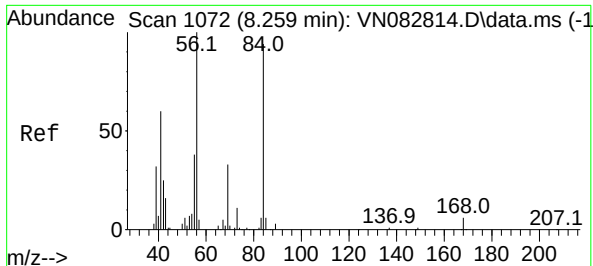
Tgt Ion: 42 Resp: 40209
Ion Ratio Lower Upper
42 100
72 46.3 30.0 45.0#
71 43.6 28.3 42.5#



#30
Chloroform
Concen: 23.243 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

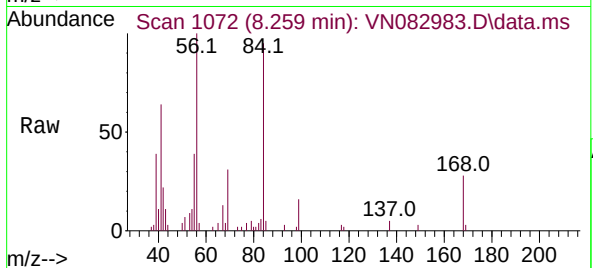
Tgt Ion: 83 Resp: 40223
Ion Ratio Lower Upper
83 100
85 61.9 50.9 76.3



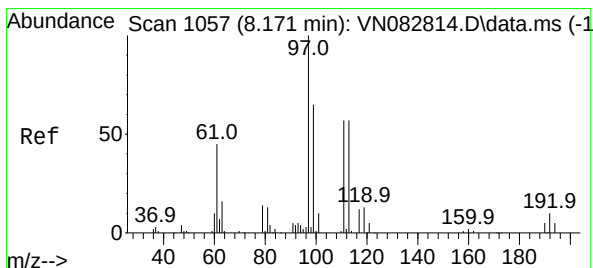
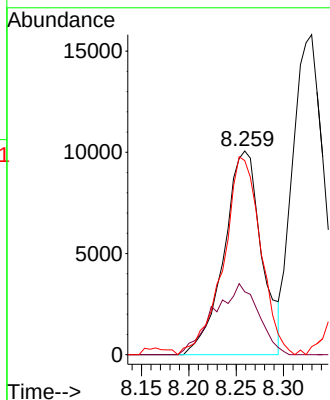
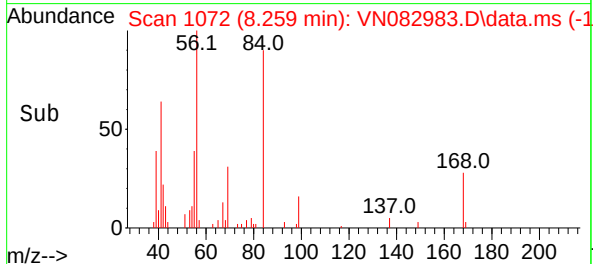


#31
Cyclohexane
Concen: 18.690 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :

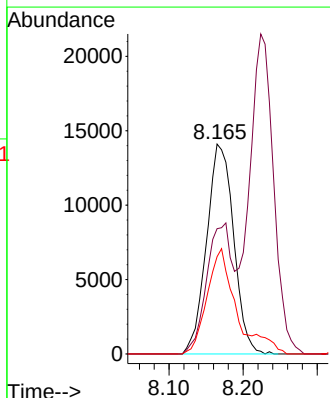
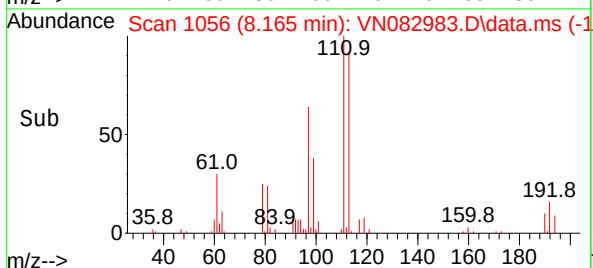
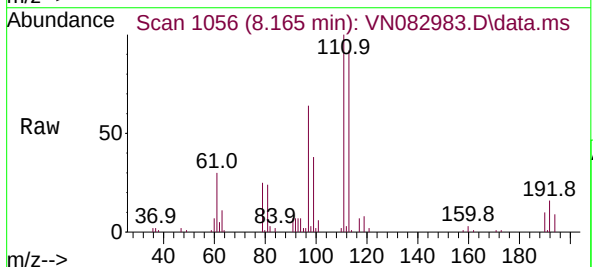


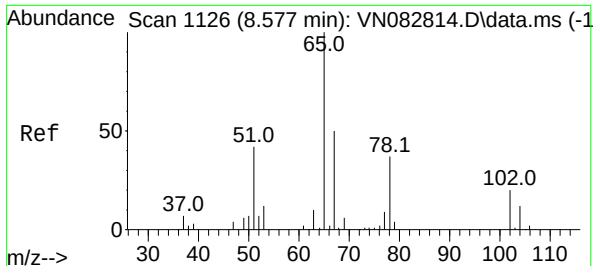
Tgt Ion:	56	Resp:	27663
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.5	36.7
84	95.3	66.0	99.0



#32
1,1,1-Trichloroethane
Concen: 22.262 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion:	97	Resp:	35769
Ion Ratio	Lower	Upper	
97	100		
99	58.7	52.0	78.0
61	54.3	42.1	63.1

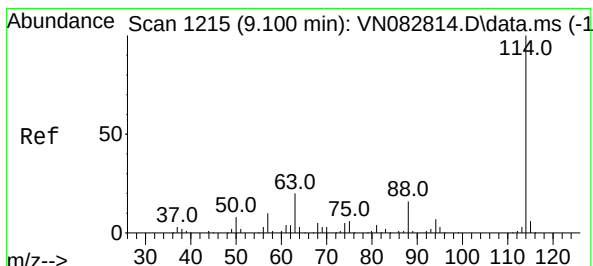
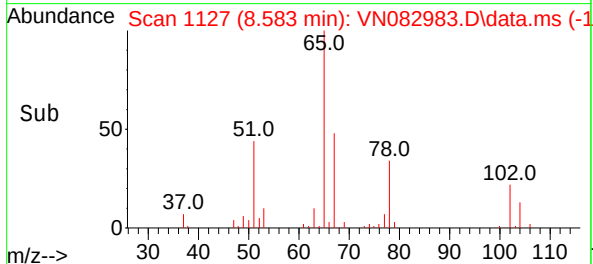
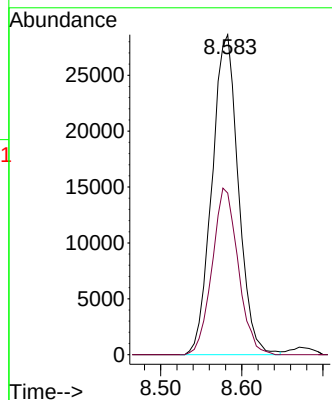
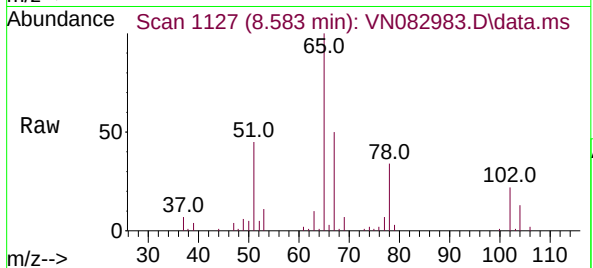




#33
1,2-Dichloroethane-d4
Concen: 57.127 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

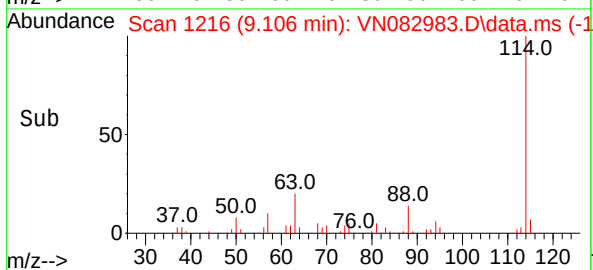
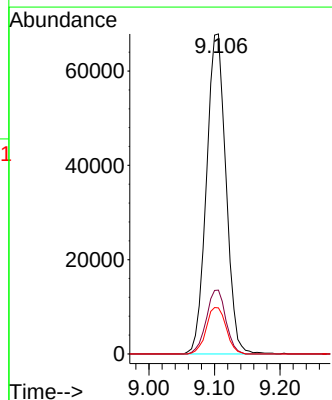
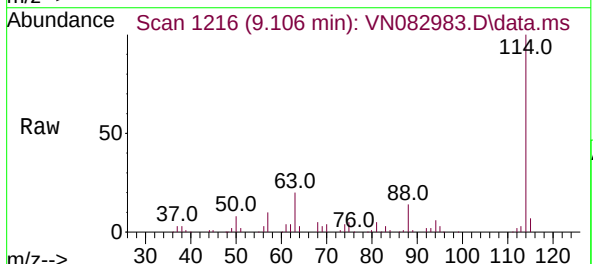
Instrument :
MSVOA_N
ClientSampleId :

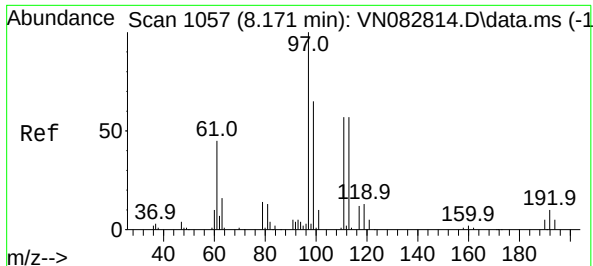
Tgt Ion: 65 Resp: 64673
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 114 Resp: 140125
Ion Ratio Lower Upper
114 100
63 20.0 0.0 44.6
88 14.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.101 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082983.D

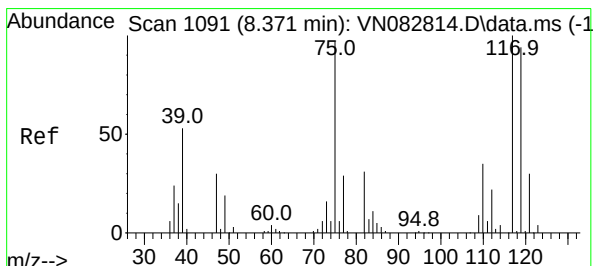
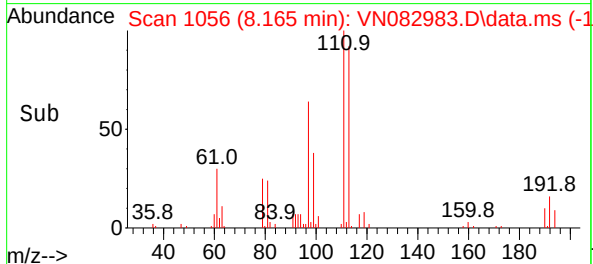
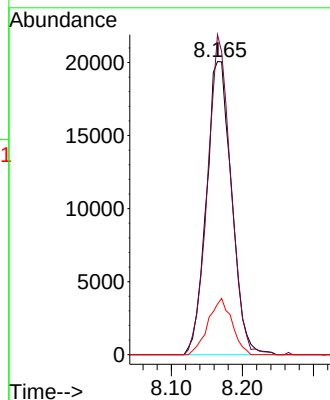
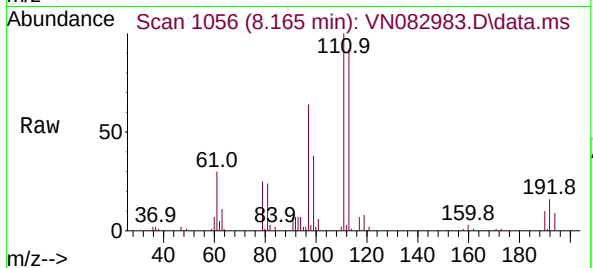
Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	49544
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.4	123.6
192	18.1	14.9	22.3



#36

1,1-Dichloropropene

Concen: 20.774 ug/l

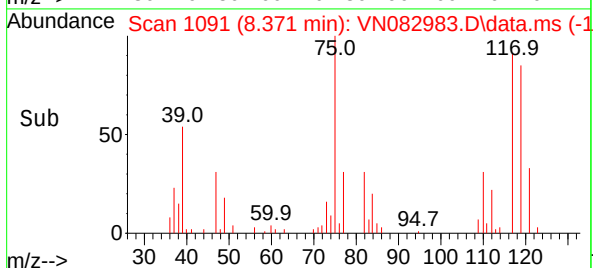
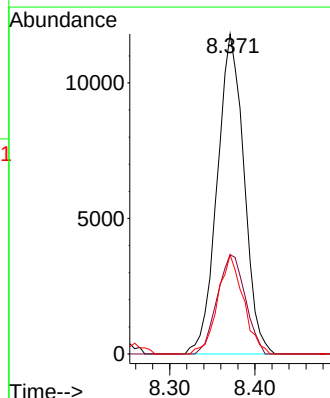
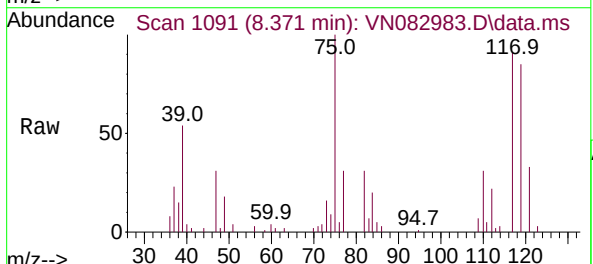
RT: 8.371 min Scan# 1091

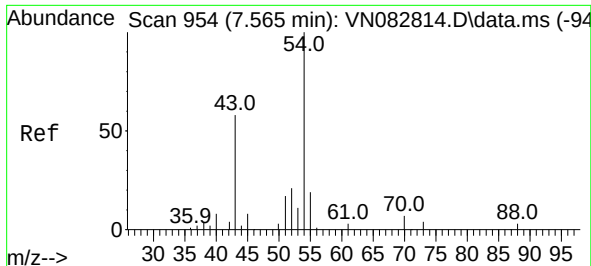
Delta R.T. -0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Tgt Ion:	75	Resp:	25753
Ion Ratio	Lower	Upper	
75	100		
110	32.5	16.3	48.9
77	29.8	24.6	37.0





#37

Ethyl Acetate

Concen: 20.747 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082983.D

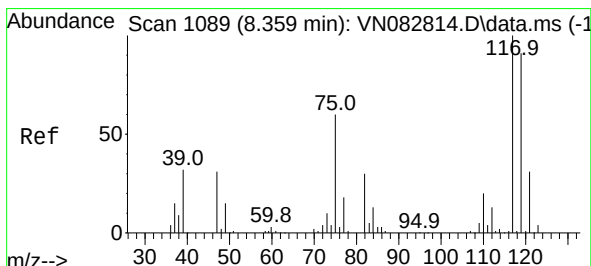
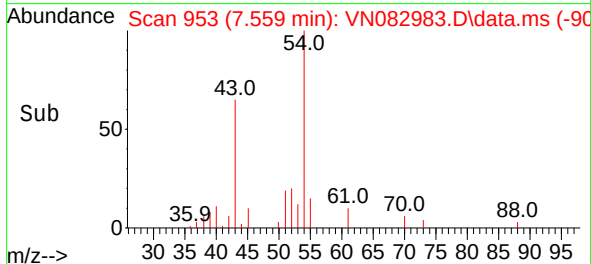
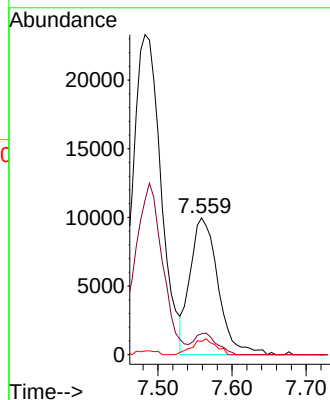
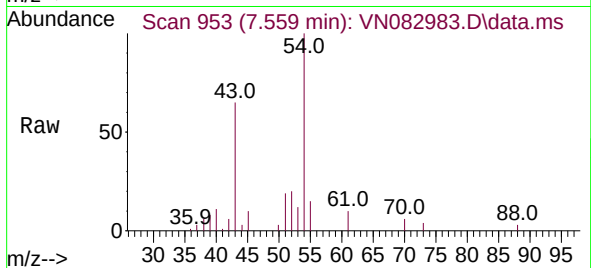
Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 26185
Ion Ratio	Lower Upper
43	100
61	12.5 9.3 13.9
70	9.5 7.0 10.6



#38

Carbon Tetrachloride

Concen: 20.323 ug/l

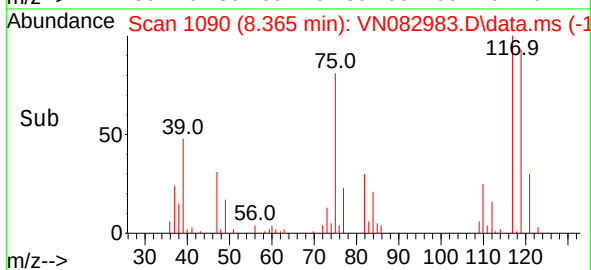
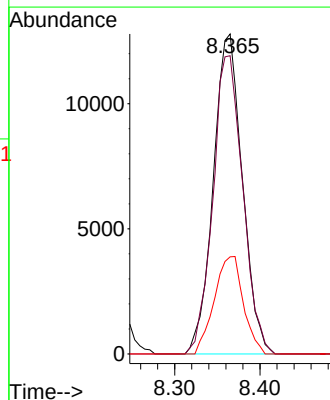
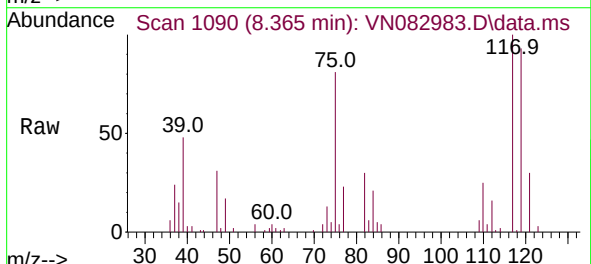
RT: 8.365 min Scan# 1090

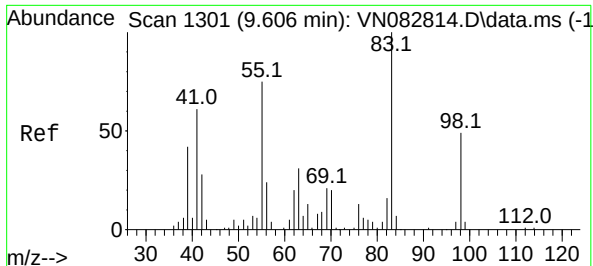
Delta R.T. -0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Tgt Ion: 117	Resp: 30335
Ion Ratio	Lower Upper
117	100
119	93.2 74.9 112.3
121	30.3 24.3 36.5

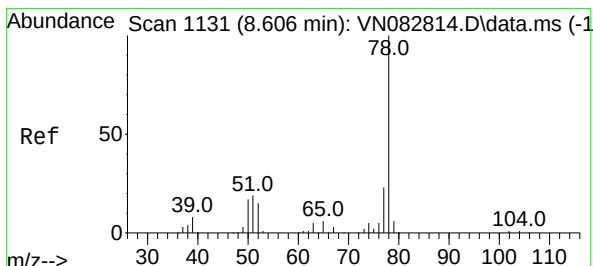
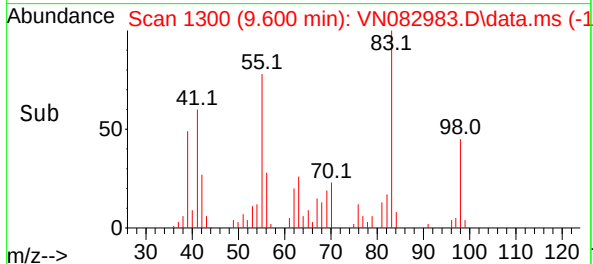
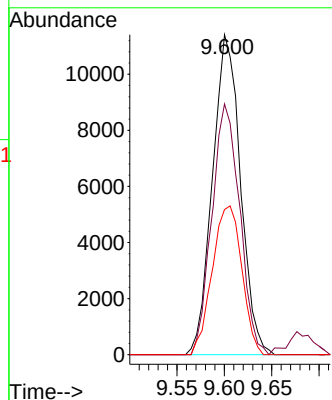
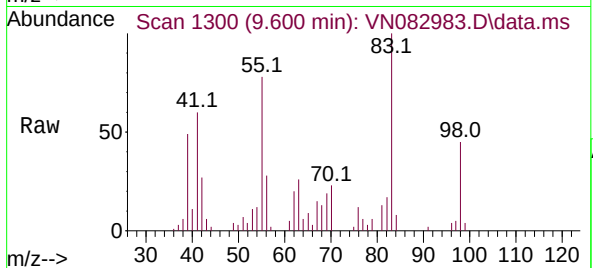




#39
Methylcyclohexane
Concen: 17.487 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

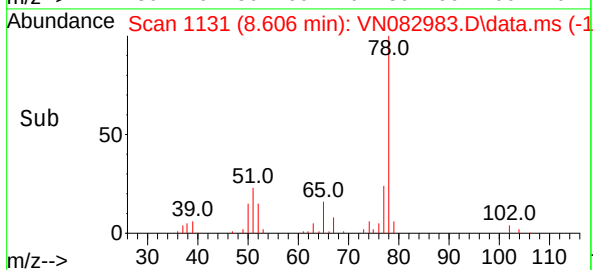
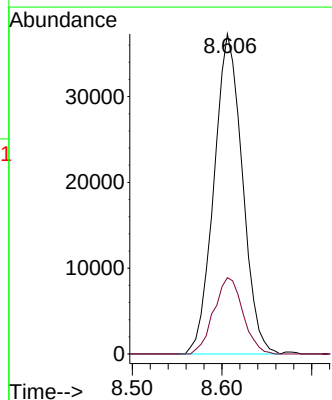
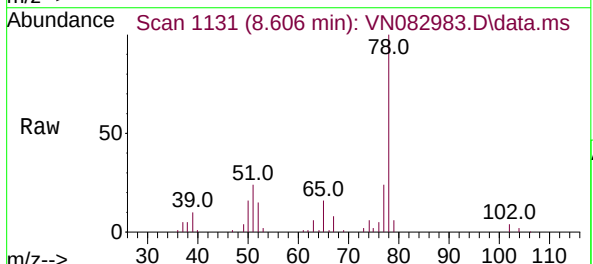
Instrument :
MSVOA_N
ClientSampleId :

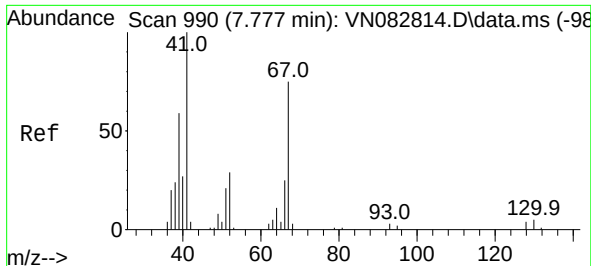
Tgt Ion: 83 Resp: 23416
Ion Ratio Lower Upper
83 100
55 78.3 66.4 99.6
98 45.4 40.7 61.1



#40
Benzene
Concen: 21.497 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 78 Resp: 81976
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

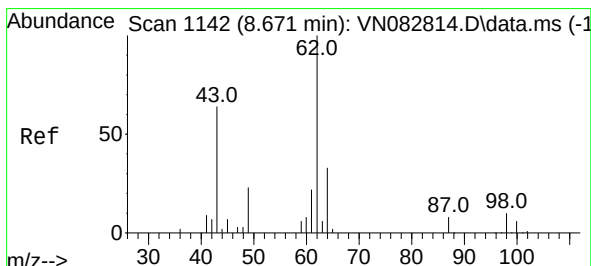
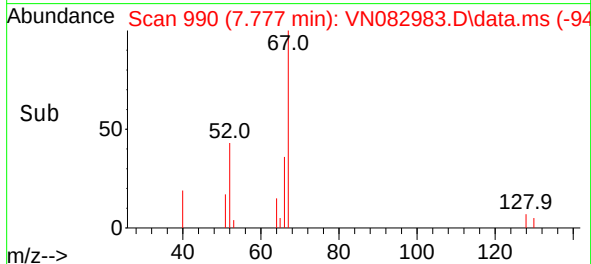
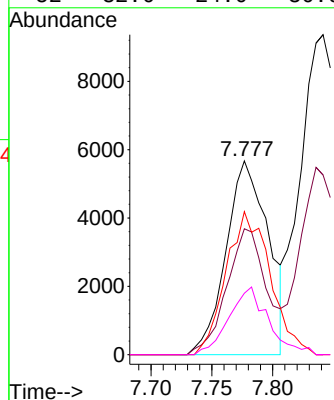
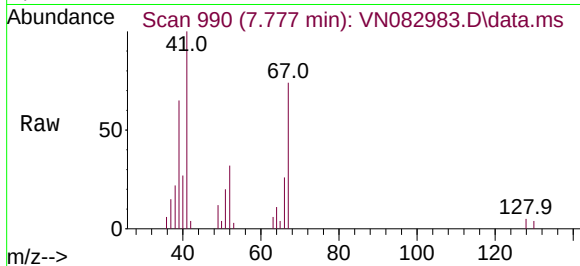




#41
Methacrylonitrile
Concen: 20.135 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.005 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

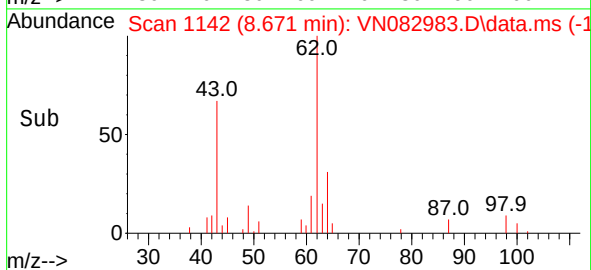
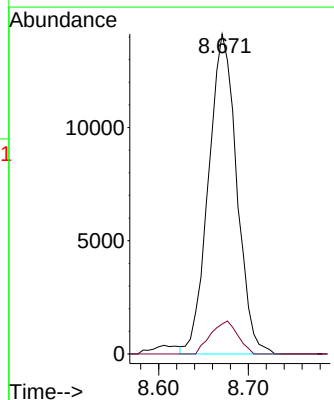
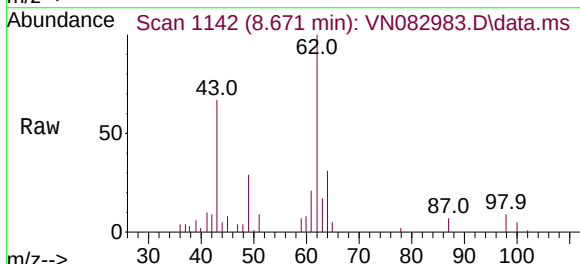
Instrument :
MSVOA_N
ClientSampleId :

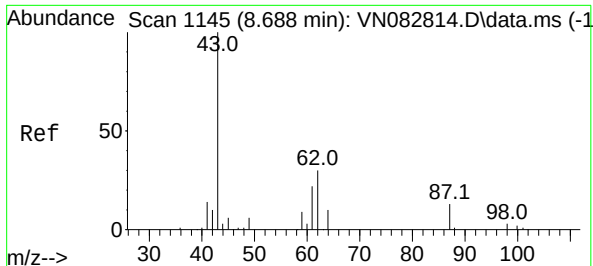
Tgt Ion: 41	Resp: 13691
Ion Ratio	Lower Upper
41 100	
39 60.9	45.5 68.3
67 77.2	50.5 75.7#
52 32.6	24.0 36.0



#42
1,2-Dichloroethane
Concen: 22.510 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 62	Resp: 30901
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 15.8





#43

Isopropyl Acetate

Concen: 19.611 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082983.D

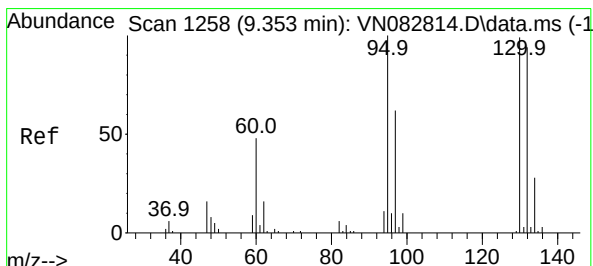
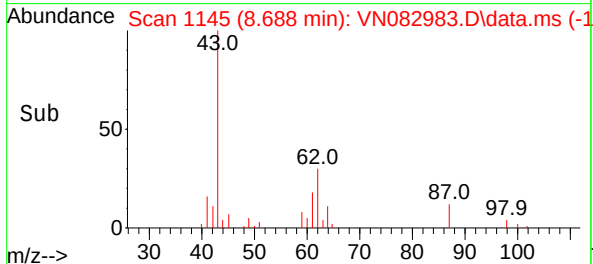
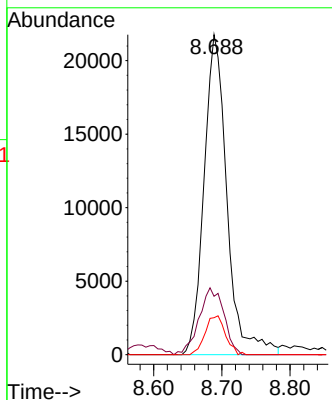
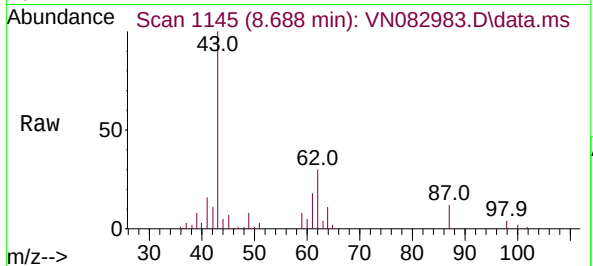
Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 50962
Ion Ratio	Lower Upper
43	100
61	22.6 17.8 26.6
87	10.7 8.2 12.2



#44

Trichloroethene

Concen: 19.561 ug/l

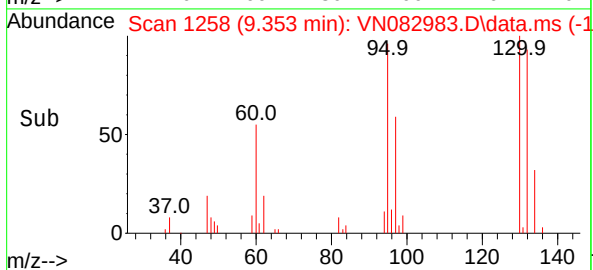
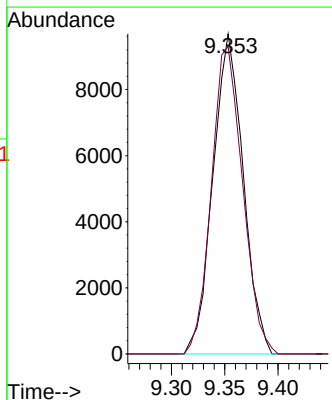
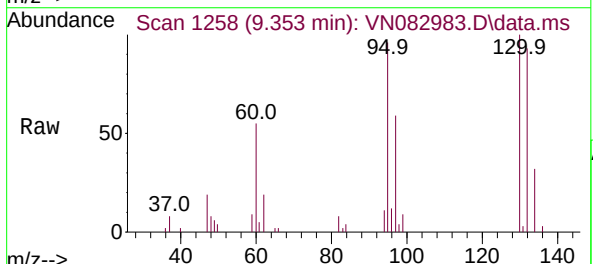
RT: 9.353 min Scan# 1258

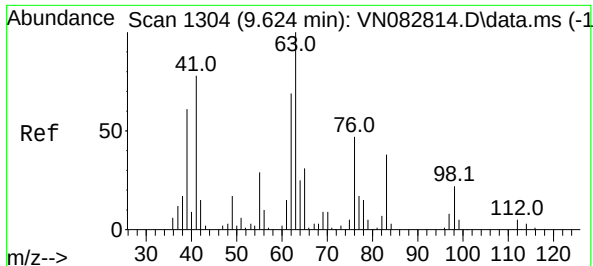
Delta R.T. 0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Tgt Ion: 130	Resp: 19110
Ion Ratio	Lower Upper
130	100
95	96.1 0.0 197.8

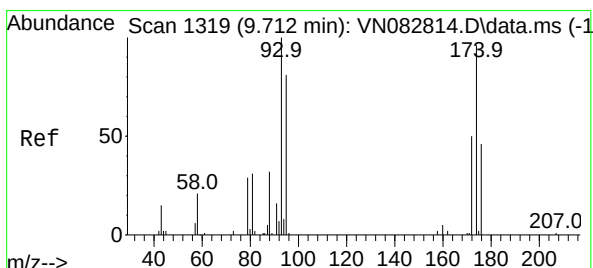
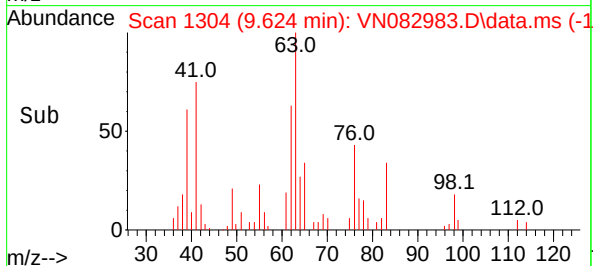
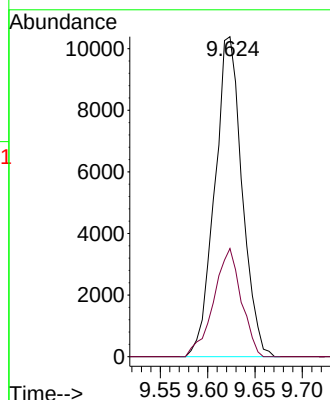
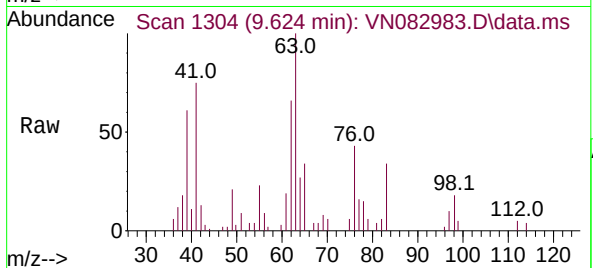




#45
1,2-Dichloropropane
Concen: 23.484 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

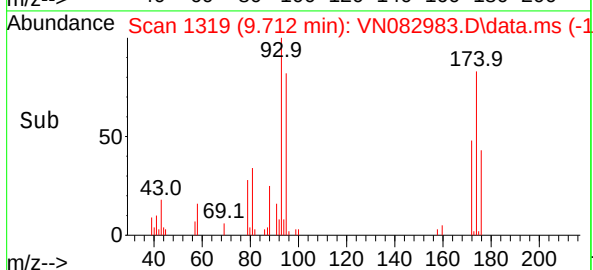
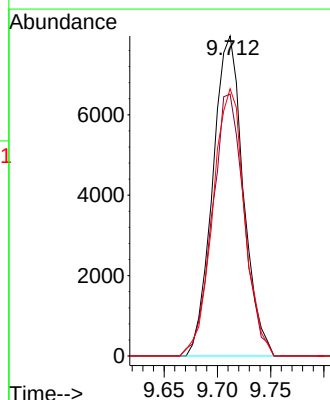
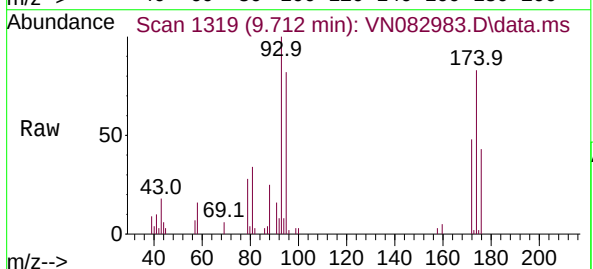
Instrument :
MSVOA_N
ClientSampleId :

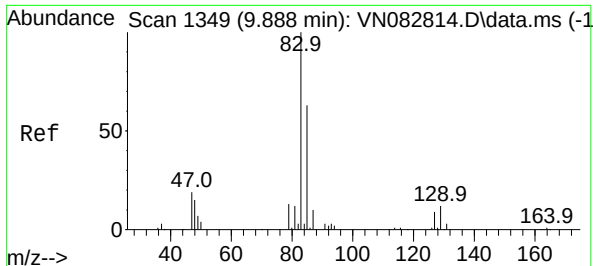
Tgt Ion: 63 Resp: 20907
Ion Ratio Lower Upper
63 100
65 33.8 24.4 36.6



#46
Dibromomethane
Concen: 22.860 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 93 Resp: 15855
Ion Ratio Lower Upper
93 100
95 84.8 65.8 98.6
174 86.6 71.7 107.5





#47

Bromodichloromethane

Concen: 23.262 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

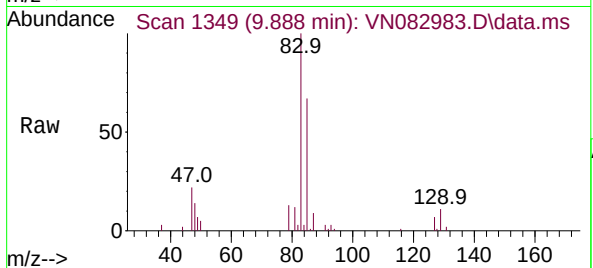
Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

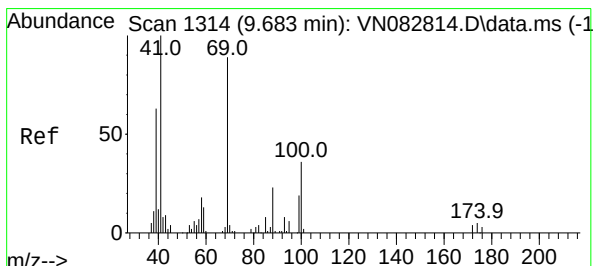
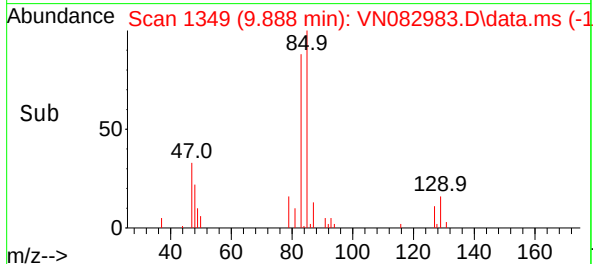
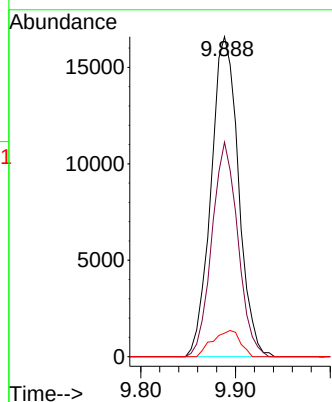
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	33336
Ion Ratio	Lower	Upper	
83	100		
85	67.1	51.1	76.7
127	7.4	7.2	10.8



#48

Methyl methacrylate

Concen: 19.771 ug/l

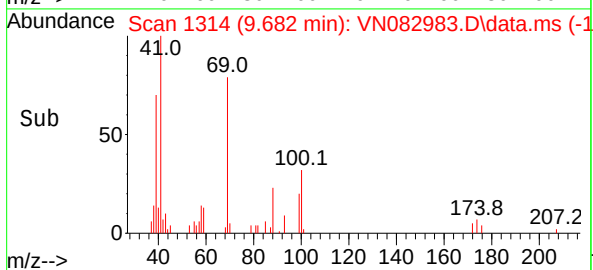
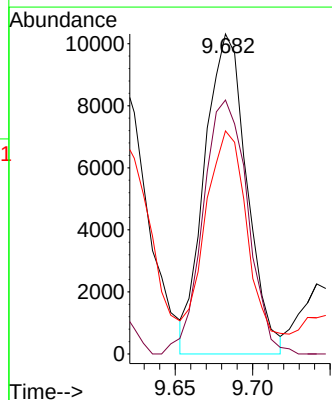
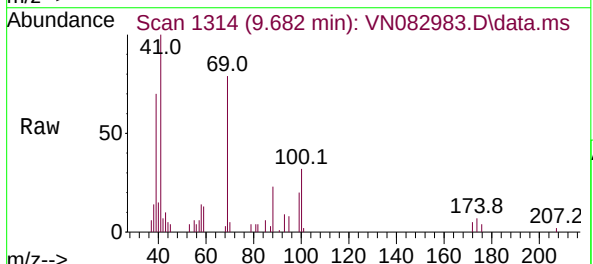
RT: 9.682 min Scan# 1314

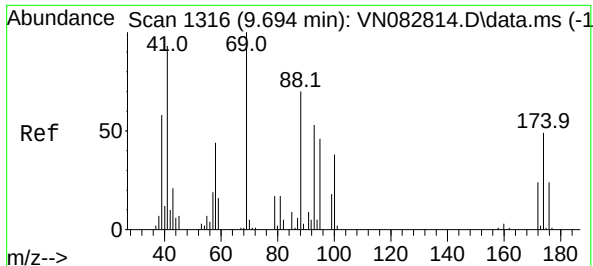
Delta R.T. 0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

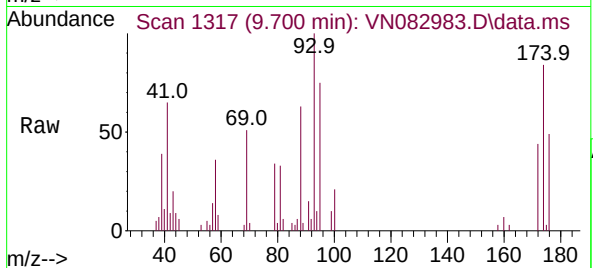
Tgt Ion:	41	Resp:	19566
Ion Ratio	Lower	Upper	
41	100		
69	83.9	56.3	84.5
39	72.6	50.3	75.5



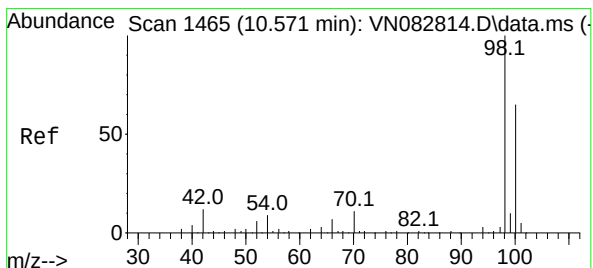
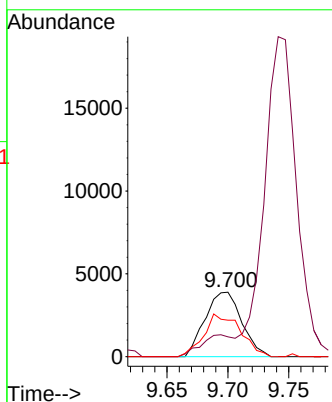
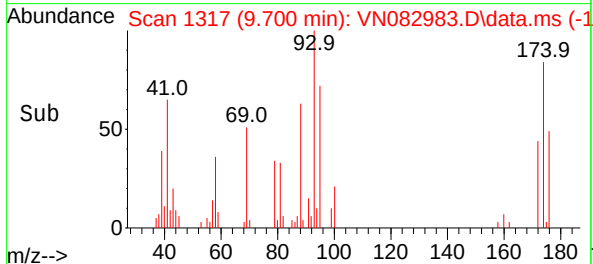


#49
1,4-Dioxane
Concen: 374.260 ug/l
RT: 9.700 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :

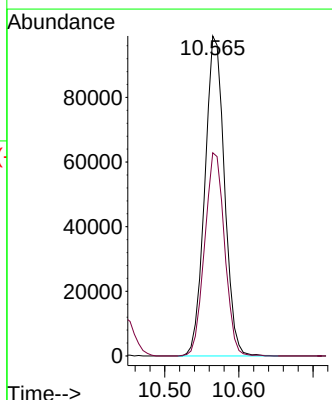
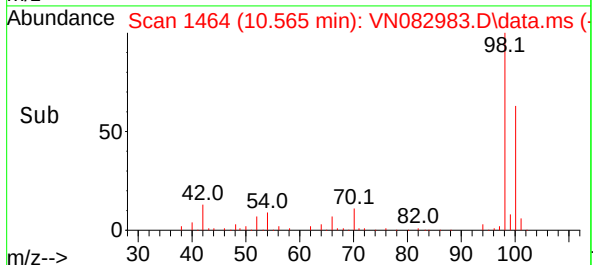
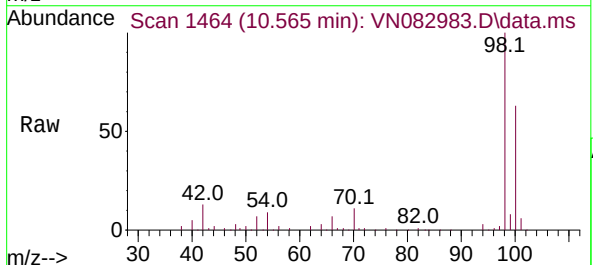


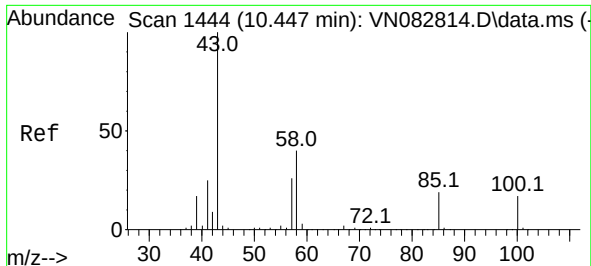
Tgt Ion: 88 Resp: 8170
Ion Ratio Lower Upper
88 100
43 30.9 27.8 41.8
58 66.3 59.4 89.0



#50
Toluene-d8
Concen: 54.769 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 98 Resp: 181888
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 109.455 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

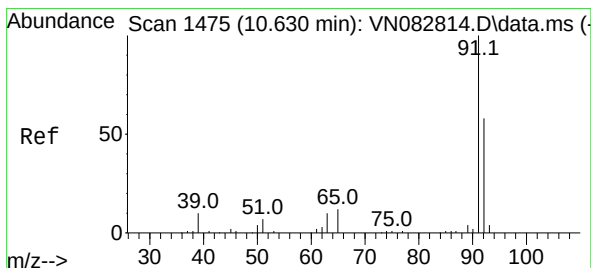
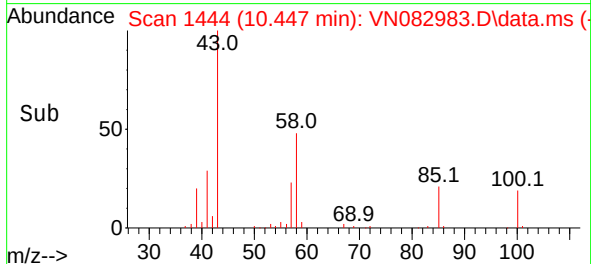
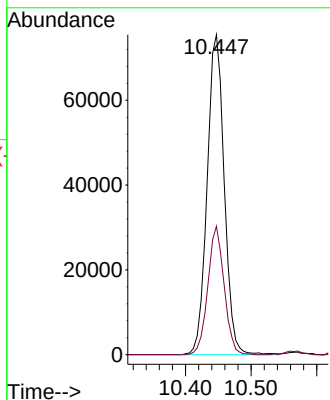
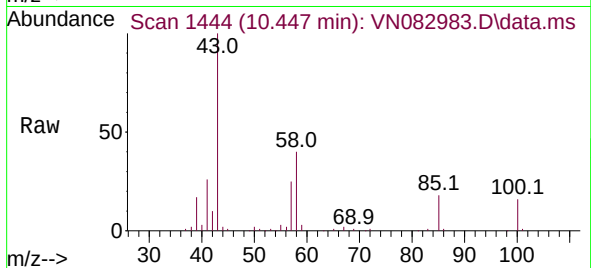
ClientSampleId :

Tgt Ion: 43 Resp: 136954

Ion Ratio Lower Upper

43 100

58 38.1 28.2 42.4



#52

Toluene

Concen: 21.700 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN082983.D

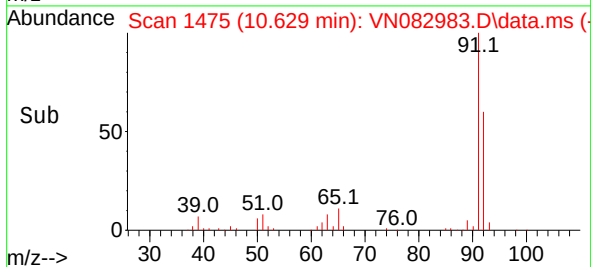
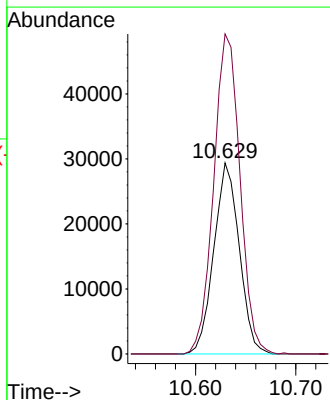
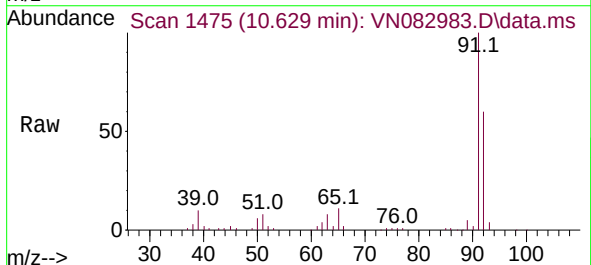
Acq: 19 Jul 2024 12:57

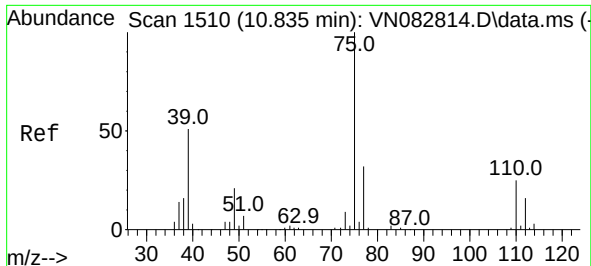
Tgt Ion: 92 Resp: 51691

Ion Ratio Lower Upper

92 100

91 173.5 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 21.172 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

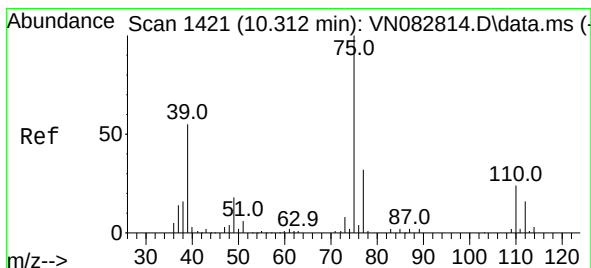
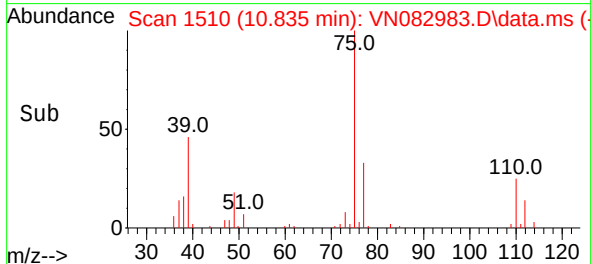
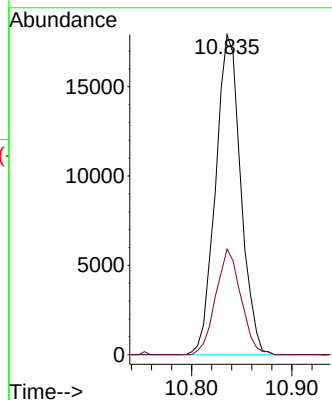
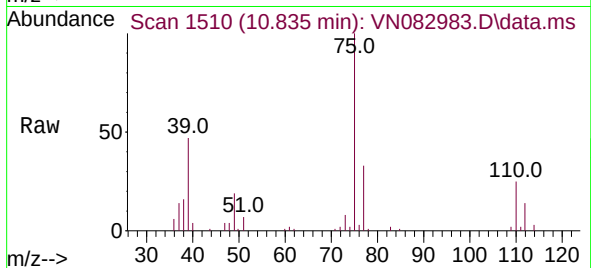
ClientSampleId :

Tgt Ion: 75 Resp: 31256

Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.967 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

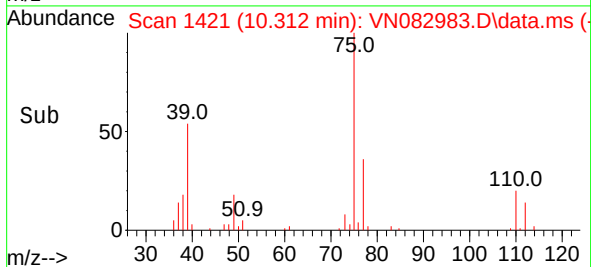
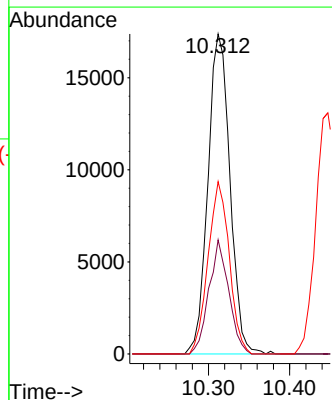
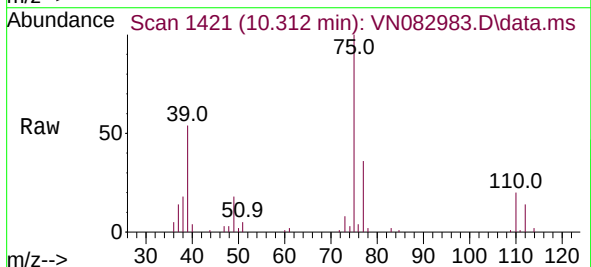
Tgt Ion: 75 Resp: 32764

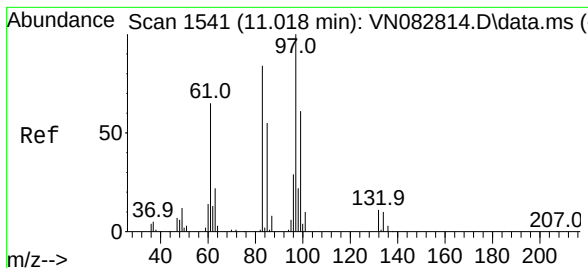
Ion Ratio Lower Upper

75 100

77 35.7 24.3 36.5

39 53.8 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 24.664 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

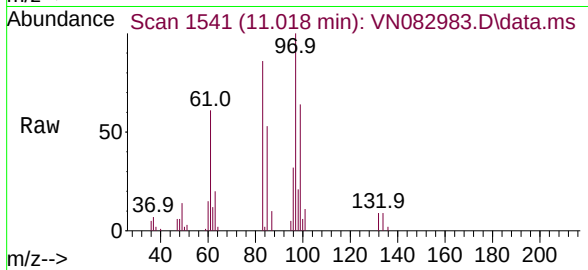
Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 21604

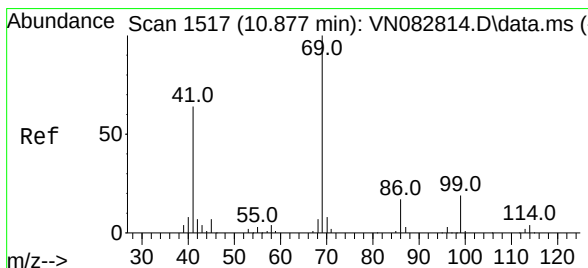
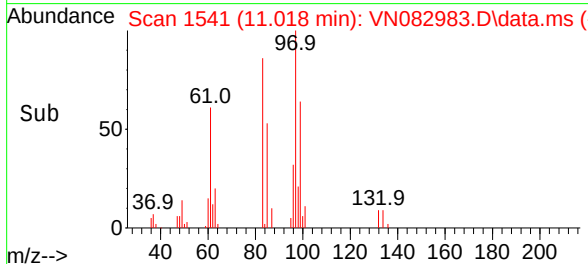
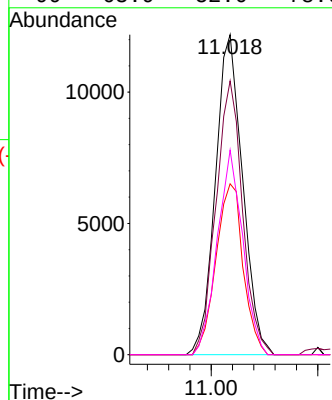
Ion Ratio Lower Upper

97 100

83 85.6 71.4 107.0

85 53.4 45.8 68.6

99 63.9 52.0 78.0



#56

Ethyl methacrylate

Concen: 20.891 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

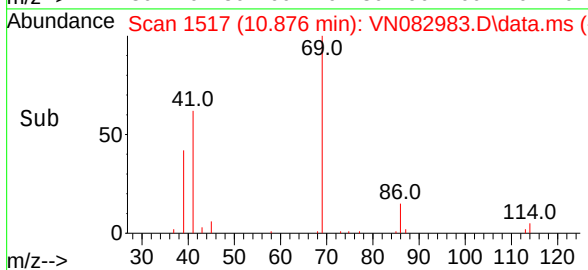
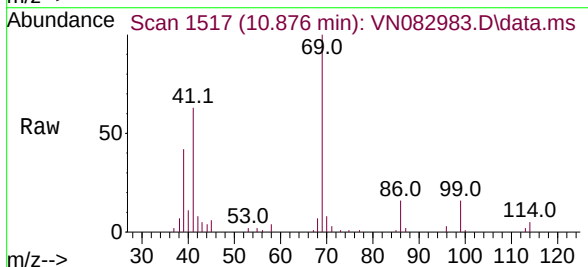
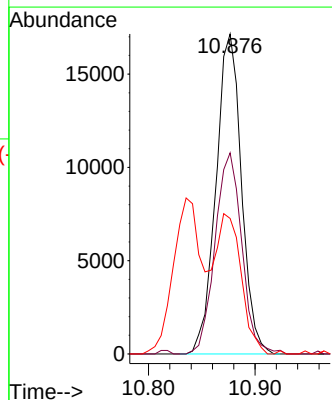
Tgt Ion: 69 Resp: 28470

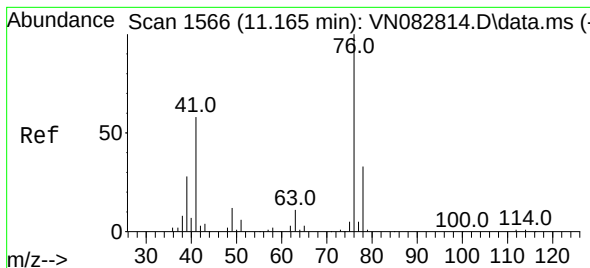
Ion Ratio Lower Upper

69 100

41 66.0 63.4 95.2

39 46.7 37.4 56.0





#57

1,3-Dichloropropane

Concen: 22.933 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

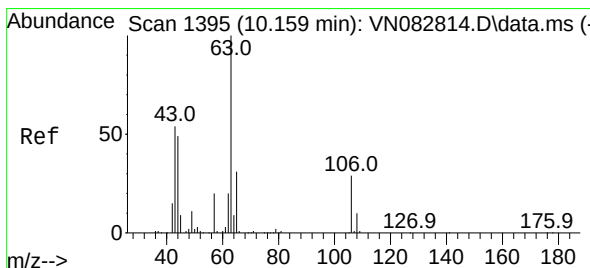
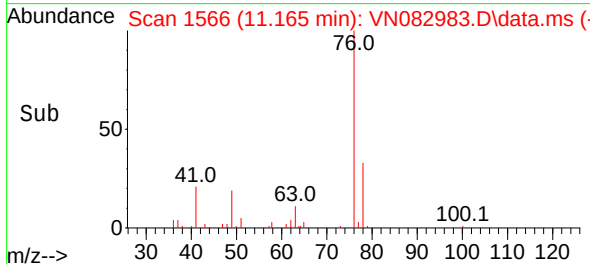
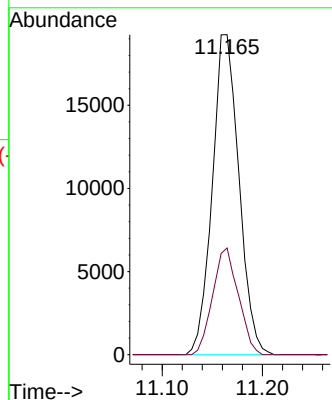
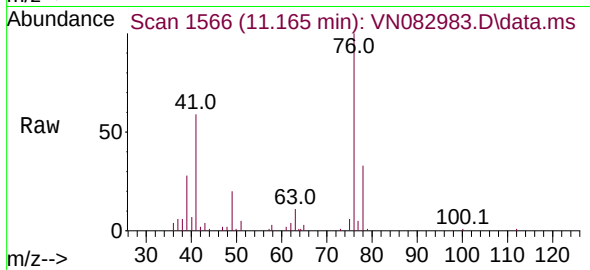
ClientSampleId :

Tgt Ion: 76 Resp: 35558

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 109.024 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082983.D

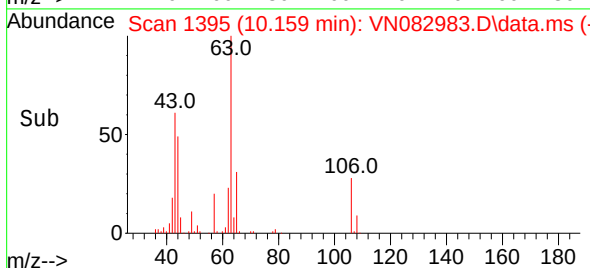
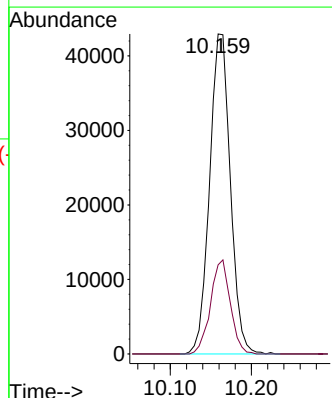
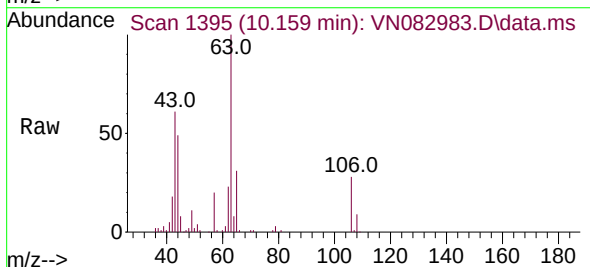
Acq: 19 Jul 2024 12:57

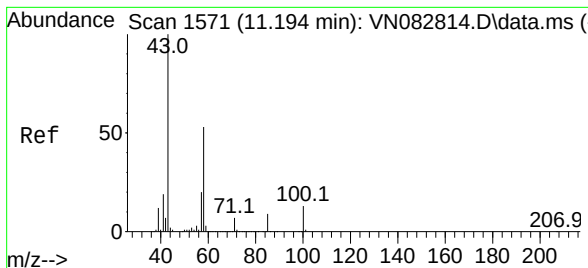
Tgt Ion: 63 Resp: 76238

Ion Ratio Lower Upper

63 100

106 28.0 21.4 32.0

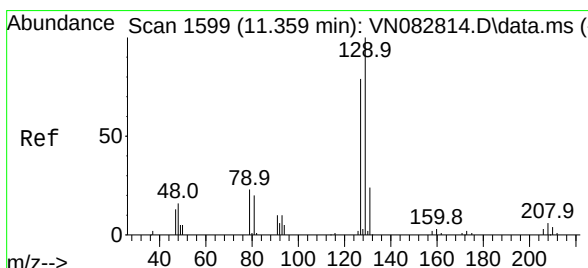
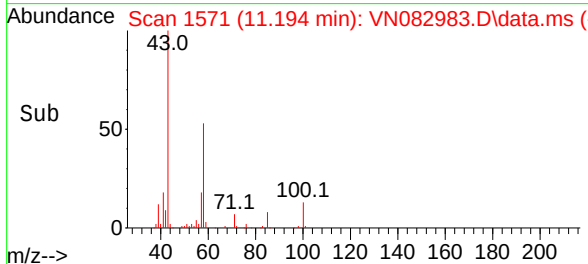
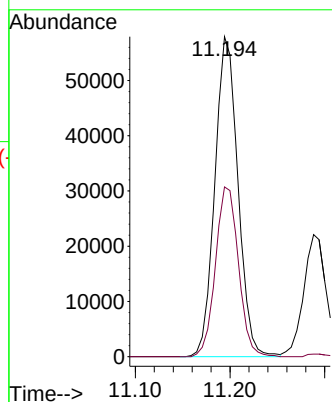
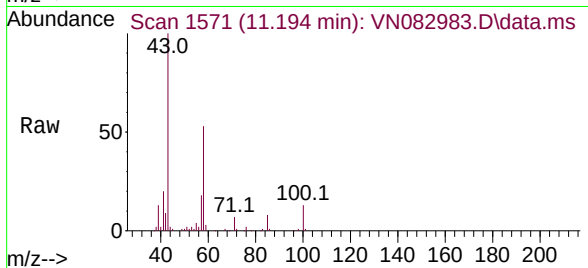




#59
2-Hexanone
Concen: 105.710 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

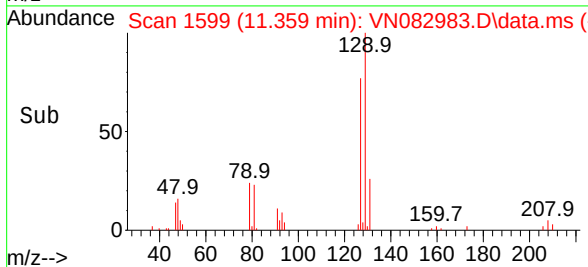
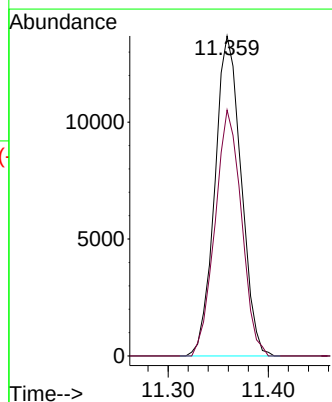
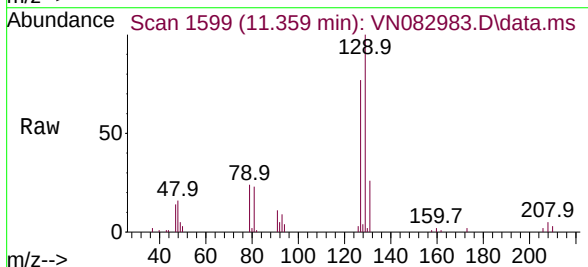
Instrument :
MSVOA_N
ClientSampleId :

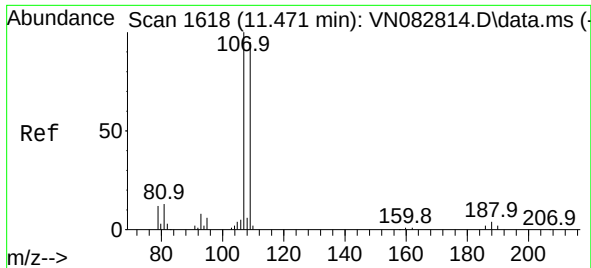
Tgt Ion: 43 Resp: 98339
Ion Ratio Lower Upper
43 100
58 52.8 24.6 73.8



#60
Dibromochloromethane
Concen: 22.377 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion:129 Resp: 24965
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6

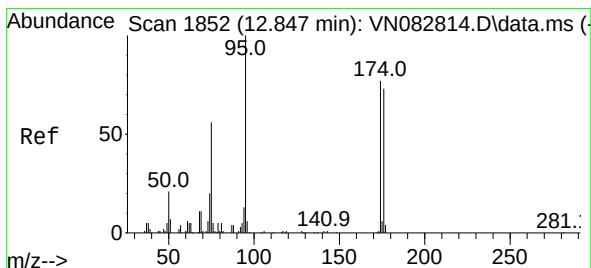
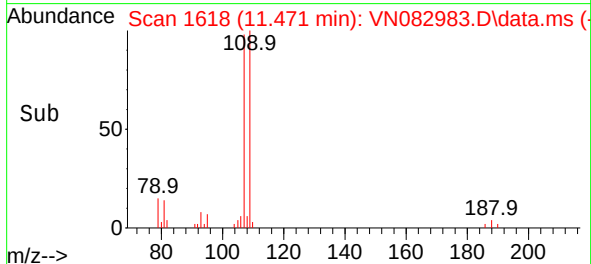
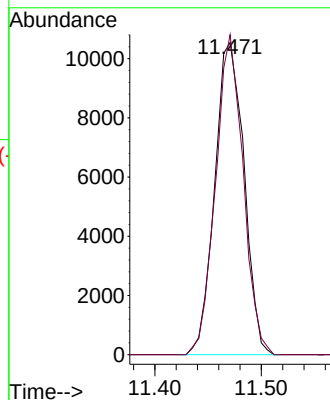
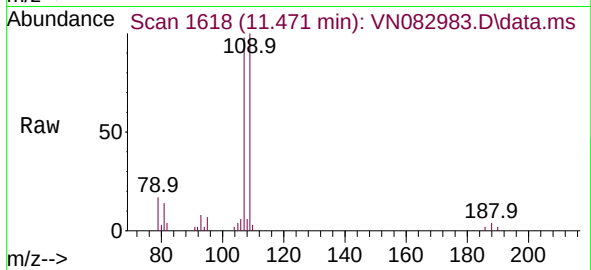




#61
1,2-Dibromoethane
Concen: 21.673 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

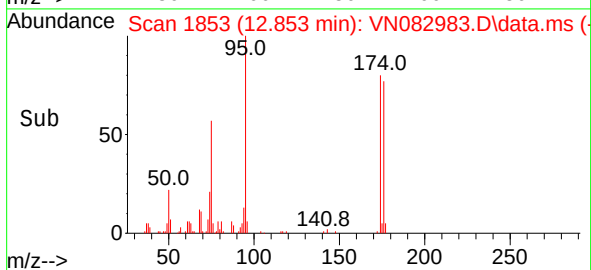
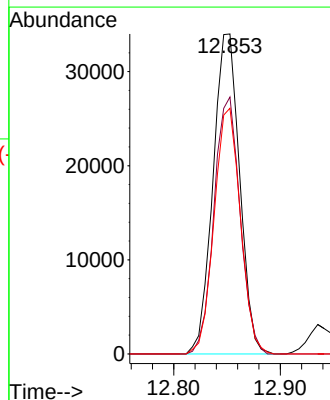
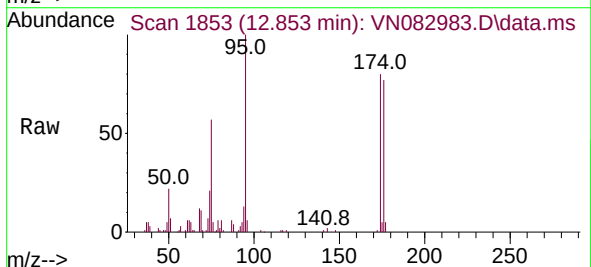
Instrument :
MSVOA_N
ClientSampleId :

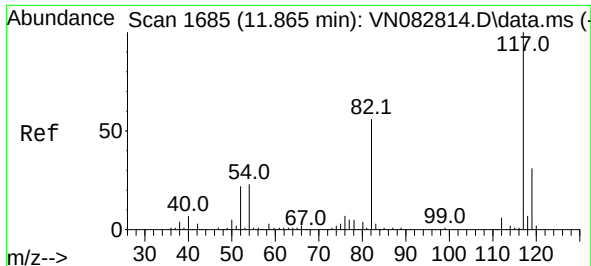
Tgt Ion:107 Resp: 20160
Ion Ratio Lower Upper
107 100
109 96.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 49.441 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 95 Resp: 58979
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 75.9 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: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

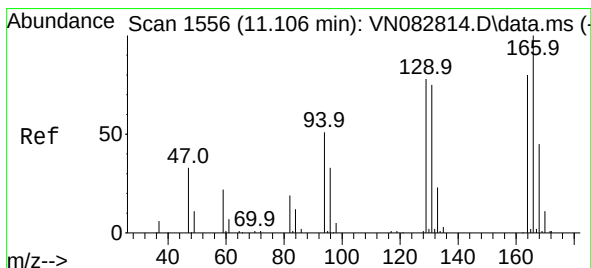
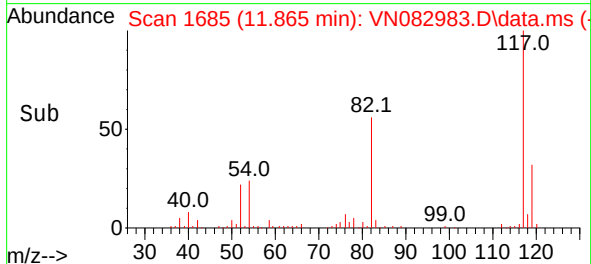
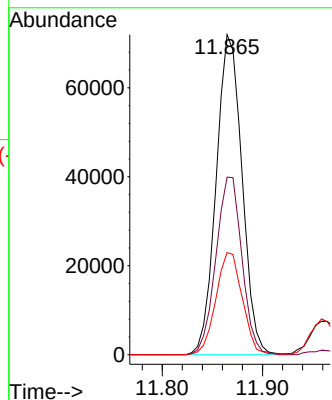
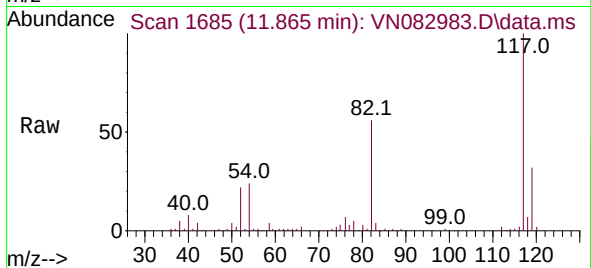
Tgt Ion:117 Resp: 128571

Ion Ratio Lower Upper

117 100

82 55.5 47.5 71.3

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 20.509 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Tgt Ion:164 Resp: 19673

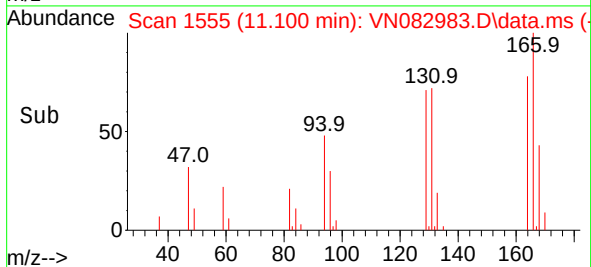
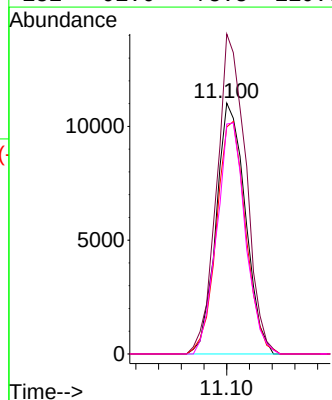
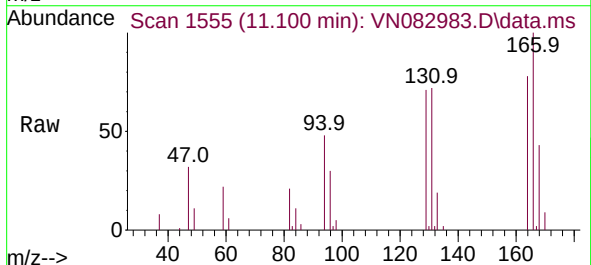
Ion Ratio Lower Upper

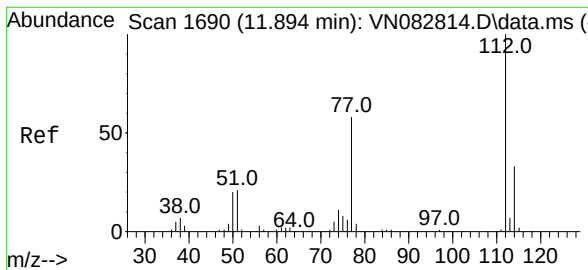
164 100

166 127.5 101.4 152.0

129 90.5 75.7 113.5

131 91.6 73.8 110.6

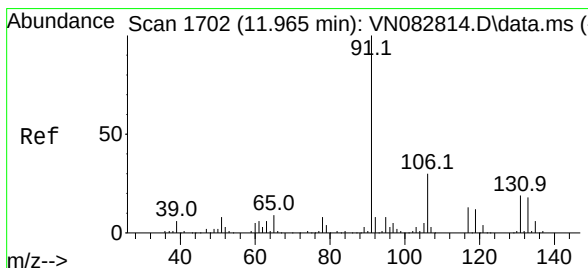
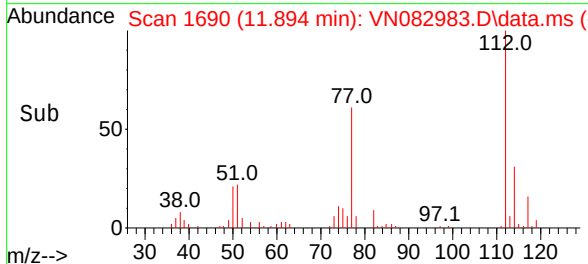
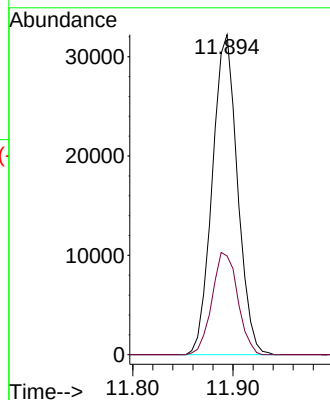
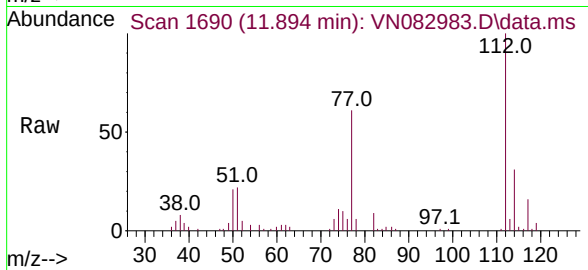




#65
Chlorobenzene
Concen: 20.421 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

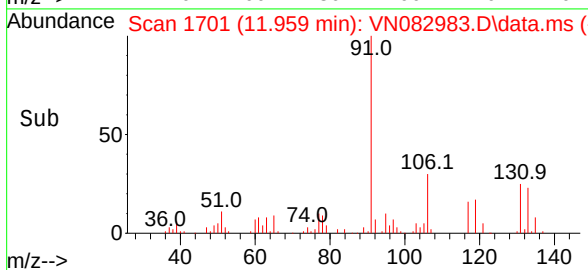
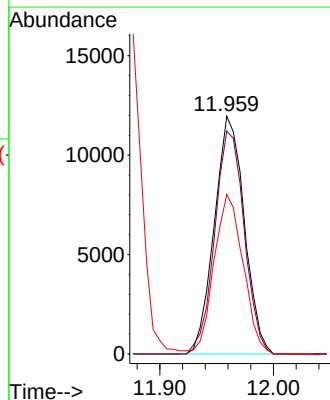
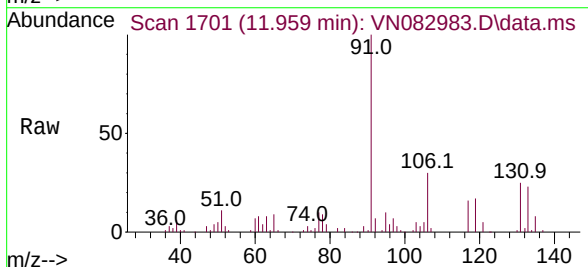
Instrument :
MSVOA_N
ClientSampleId :

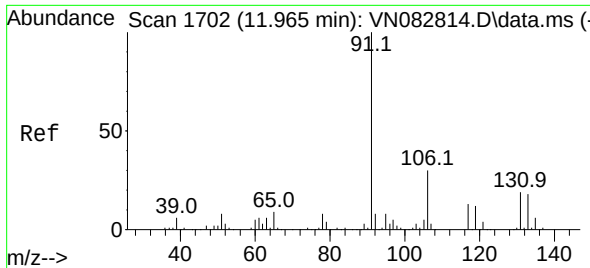
Tgt Ion:112 Resp: 56262
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.320 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion:131 Resp: 21873
Ion Ratio Lower Upper
131 100
133 92.4 47.3 142.0
119 65.5 32.5 97.4





#67

Ethyl Benzene

Concen: 19.520 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

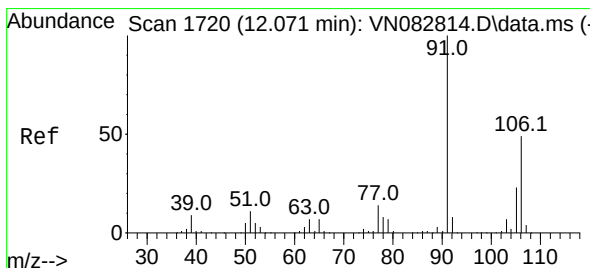
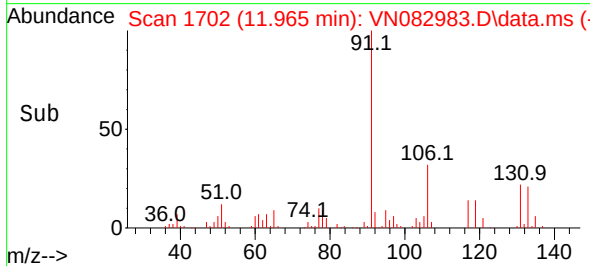
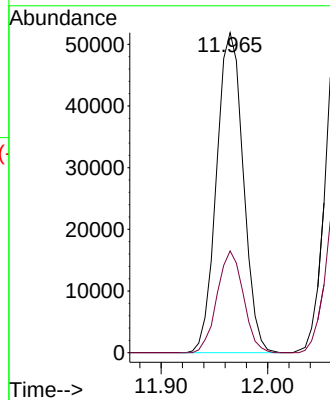
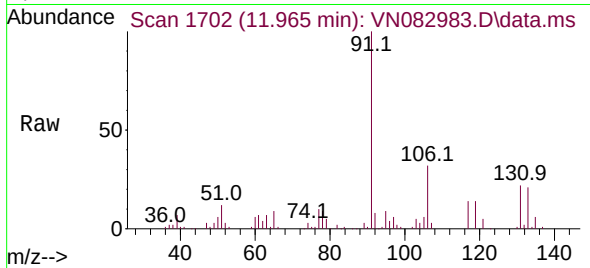
ClientSampleId :

Tgt Ion: 91 Resp: 90386

Ion Ratio Lower Upper

91 100

106 31.8 24.0 36.0



#68

m/p-Xylenes

Concen: 40.041 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.001 min

Lab File: VN082983.D

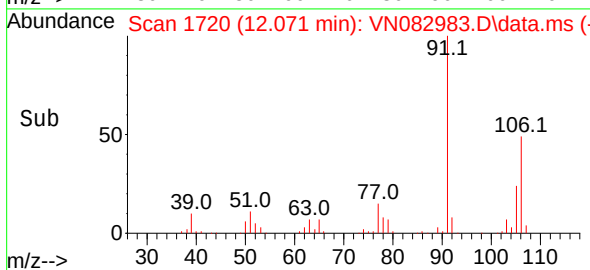
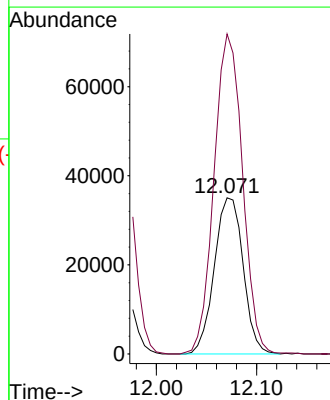
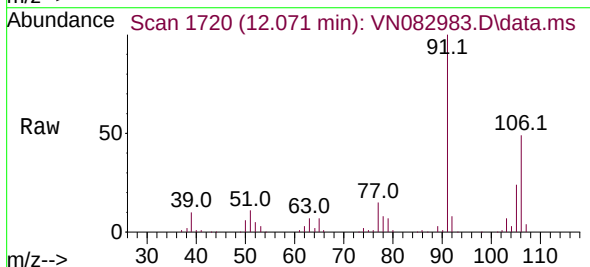
Acq: 19 Jul 2024 12:57

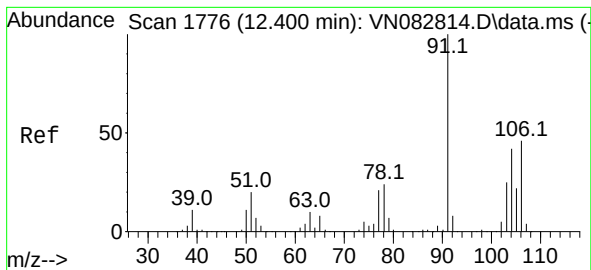
Tgt Ion:106 Resp: 69999

Ion Ratio Lower Upper

106 100

91 202.9 166.1 249.1

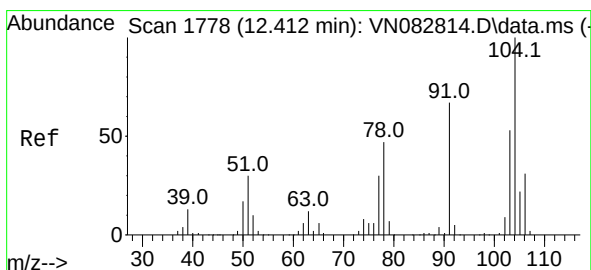
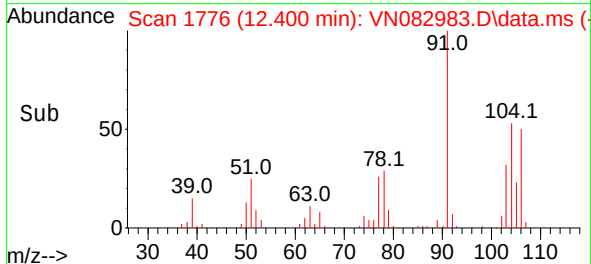
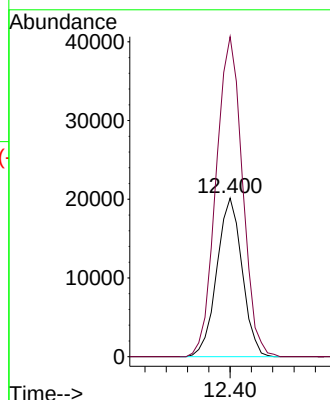
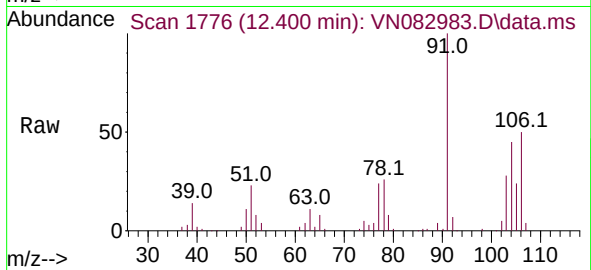




#69
o-Xylene
Concen: 19.810 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

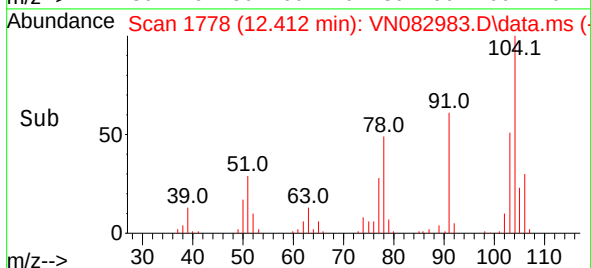
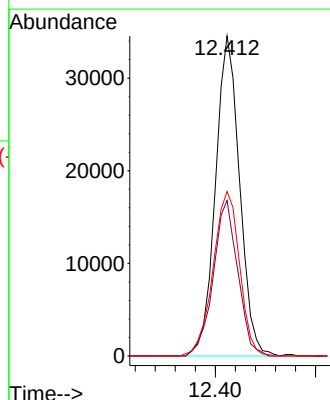
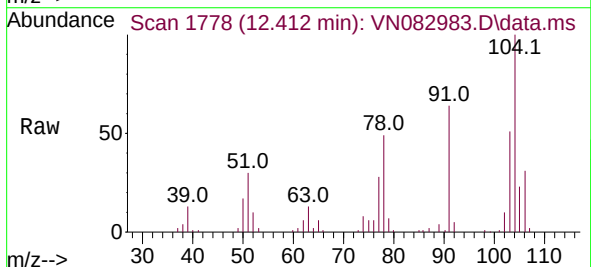
Instrument :
MSVOA_N
ClientSampleId :

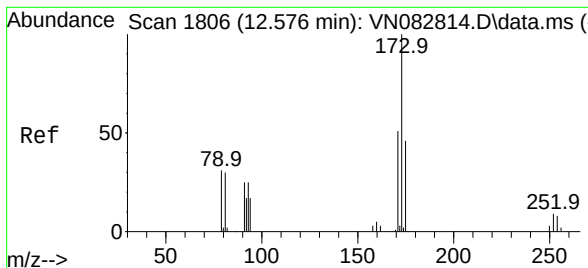
Tgt Ion:106 Resp: 33183
Ion Ratio Lower Upper
106 100
91 210.7 111.3 333.9



#70
Styrene
Concen: 20.842 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion:104 Resp: 57684
Ion Ratio Lower Upper
104 100
78 49.4 41.6 62.4
103 56.3 44.0 66.0





#71

Bromoform

Concen: 20.867 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

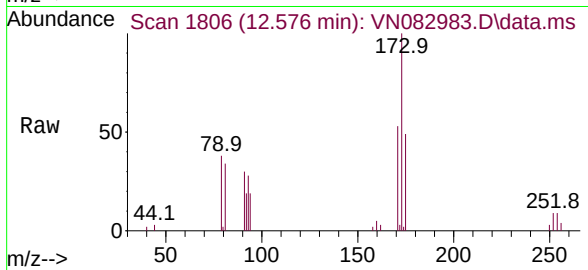
Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :



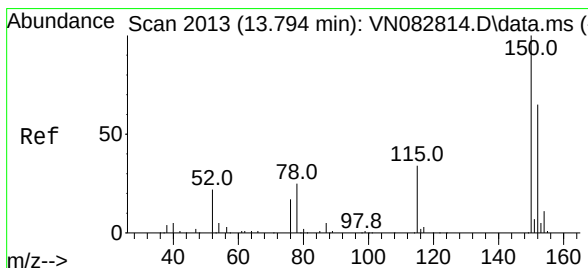
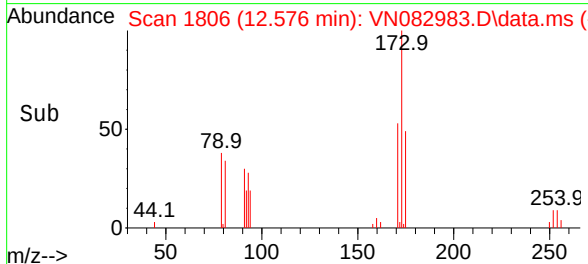
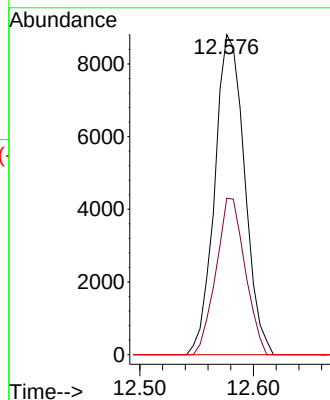
Tgt Ion:173 Resp: 16082

Ion Ratio Lower Upper

173 100

175 47.6 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: VN082983.D

Acq: 19 Jul 2024 12:57

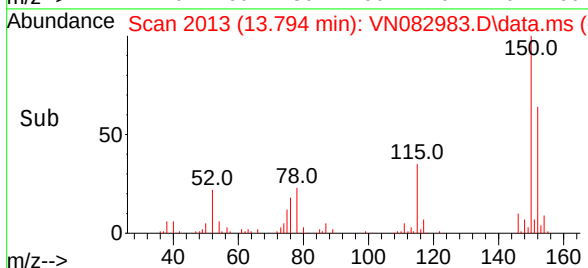
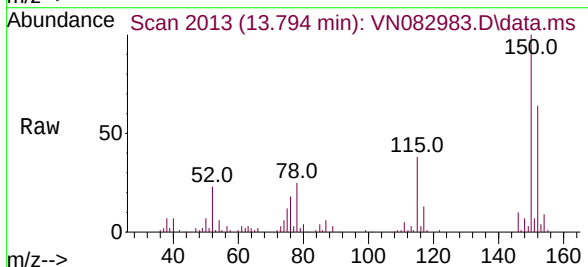
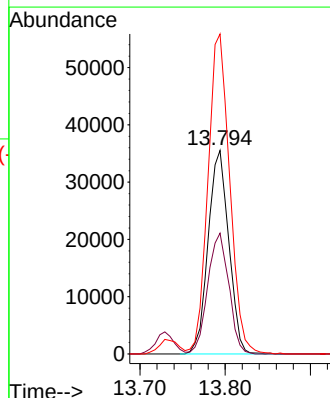
Tgt Ion:152 Resp: 59764

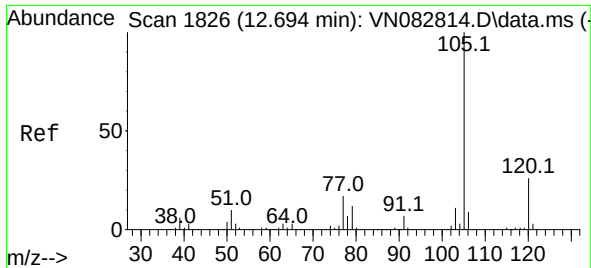
Ion Ratio Lower Upper

152 100

115 60.5 30.6 91.6

150 165.7 0.0 348.6

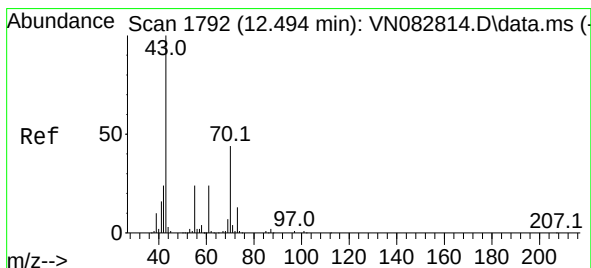
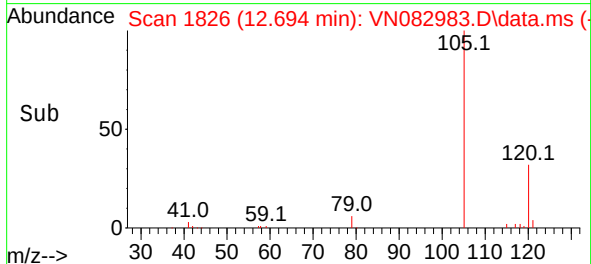
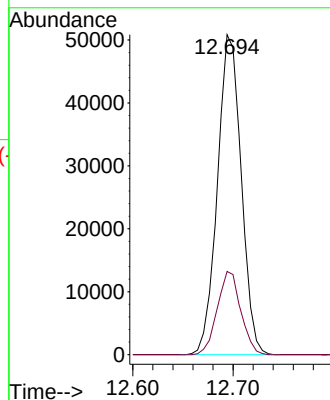
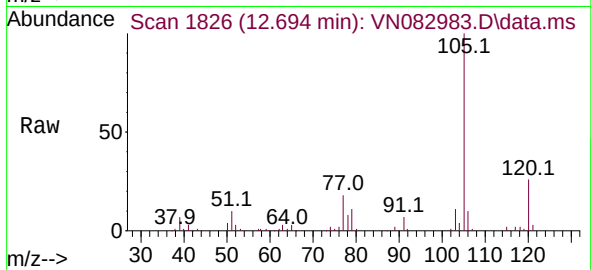




#73
Isopropylbenzene
Concen: 19.298 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

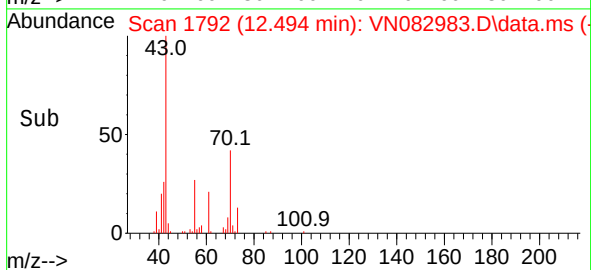
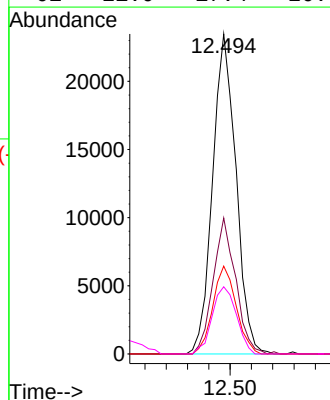
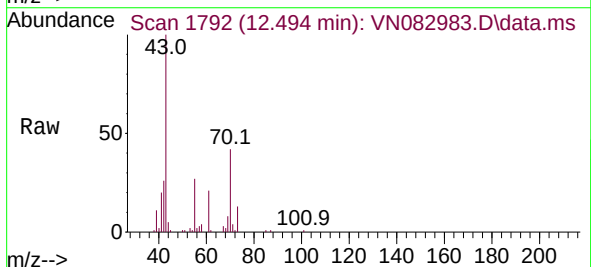
Instrument :
MSVOA_N
ClientSampleId :

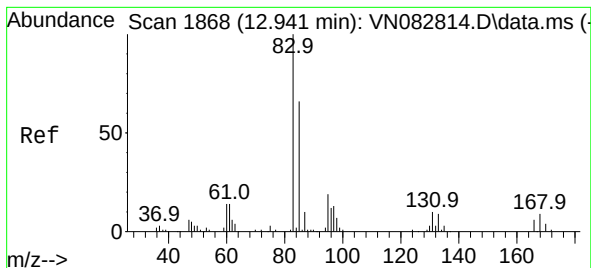
Tgt Ion:105 Resp: 83805
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6



#74
N-ethyl acetate
Concen: 19.887 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 43 Resp: 35723
Ion Ratio Lower Upper
43 100
70 41.1 29.8 44.6
55 27.5 18.7 28.1
61 21.9 17.4 26.0

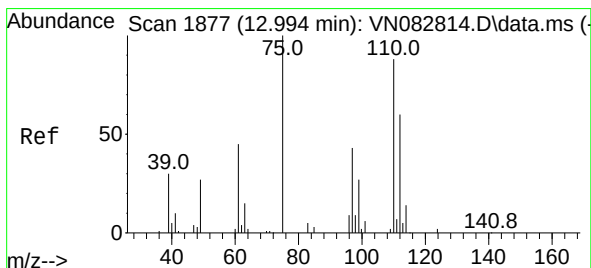
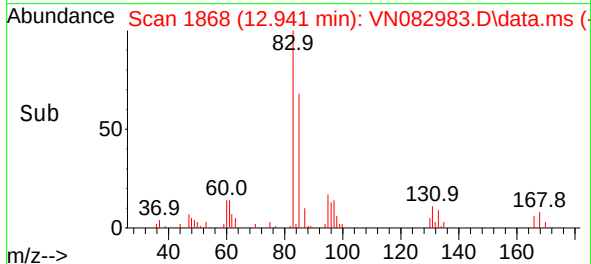
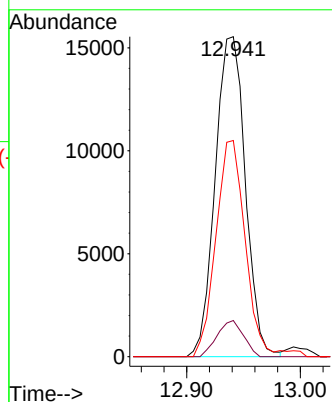
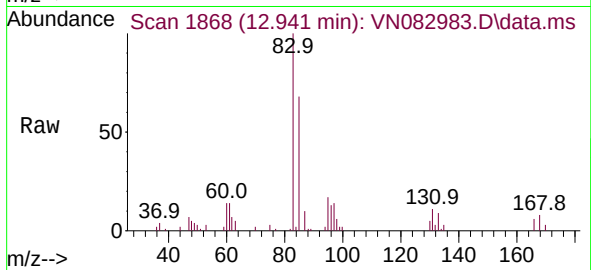




#75
1,1,2,2-Tetrachloroethane
Concen: 22.034 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

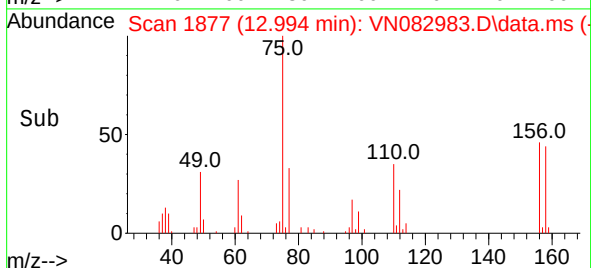
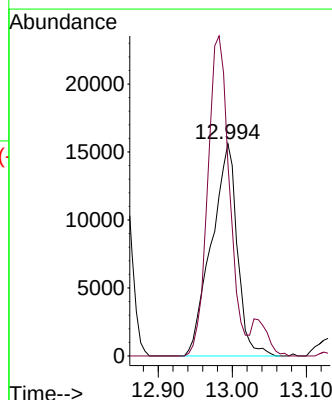
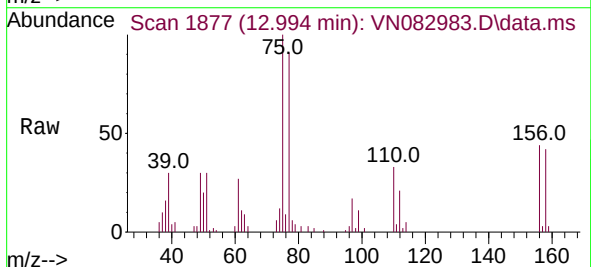
Instrument :
MSVOA_N
ClientSampleId :

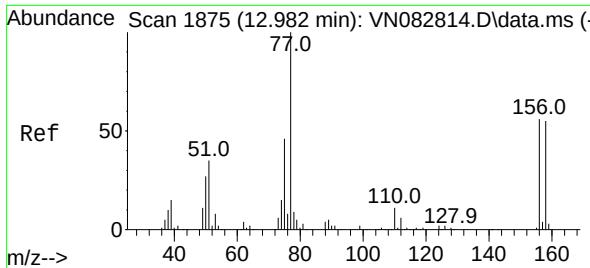
Tgt Ion: 83 Resp: 28657
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 36.706 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 75 Resp: 37821
Ion Ratio Lower Upper
75 100
77 127.1 110.9 332.6

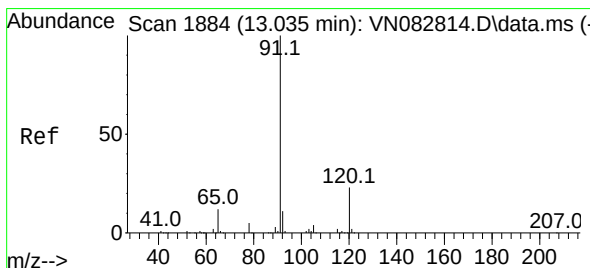
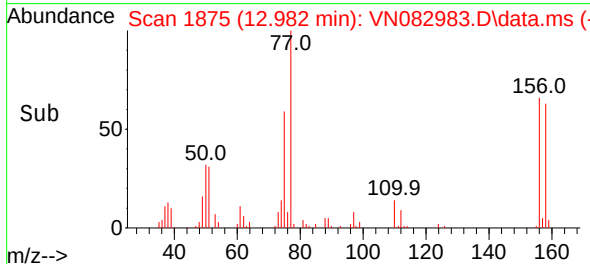
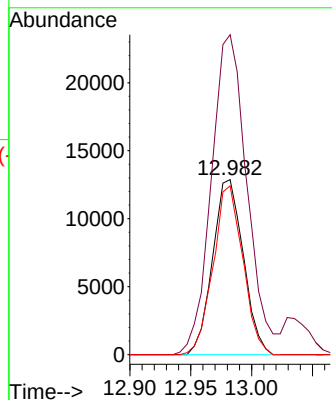
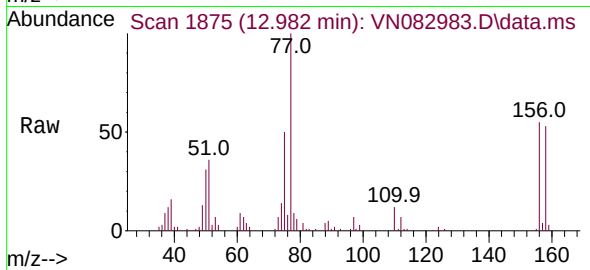




#77
Bromobenzene
Concen: 20.125 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

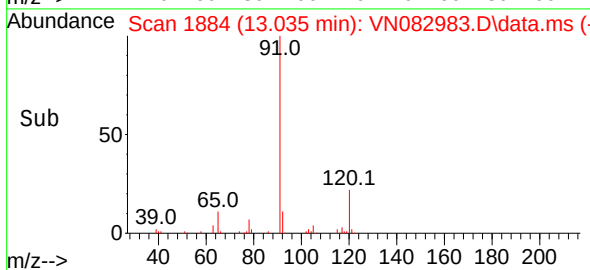
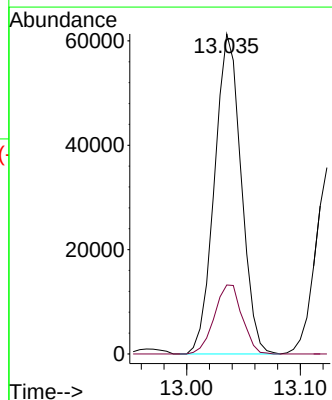
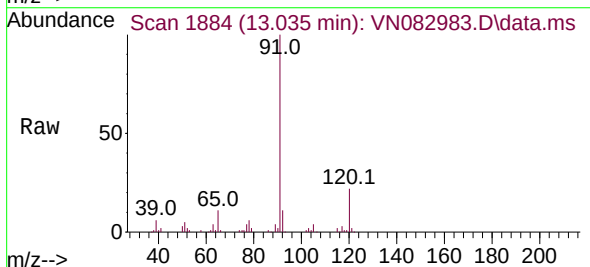
Instrument :
MSVOA_N
ClientSampleId :

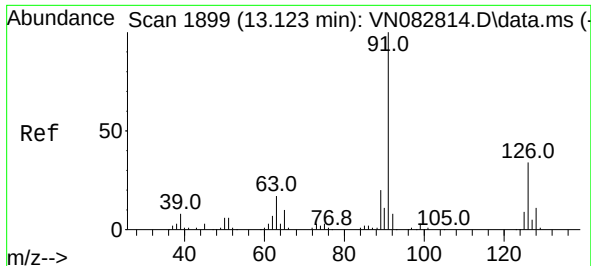
Tgt Ion:156 Resp: 22547
Ion Ratio Lower Upper
156 100
77 213.2 111.3 333.8
158 93.5 48.3 144.9



#78
n-propylbenzene
Concen: 20.030 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 91 Resp: 100010
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.553 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

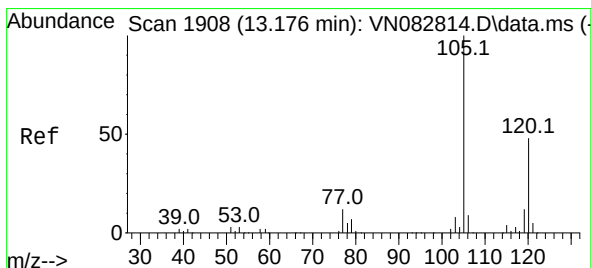
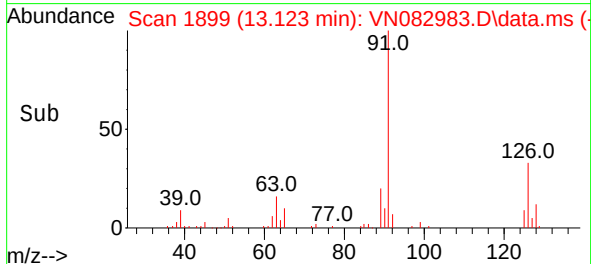
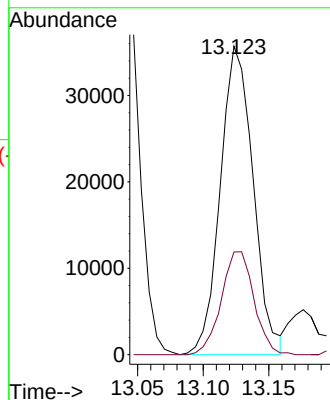
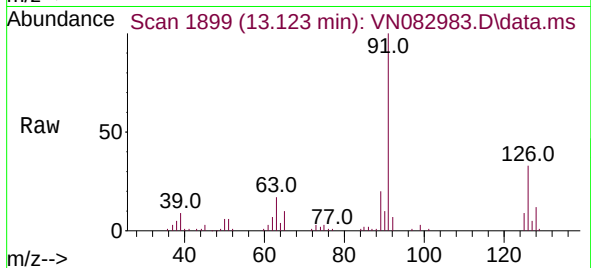
ClientSampleId :

Tgt Ion: 91 Resp: 62206

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.804 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082983.D

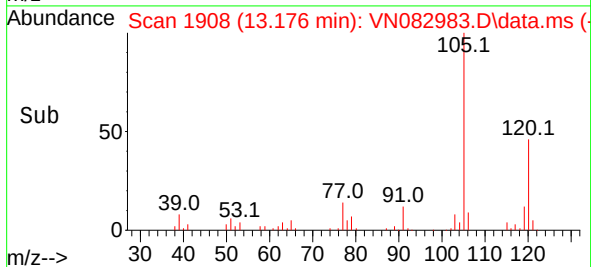
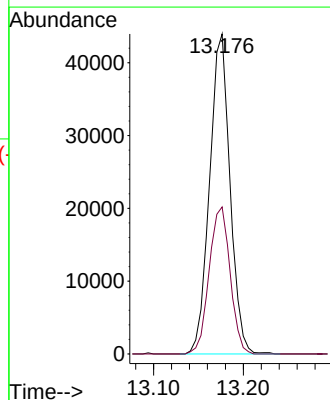
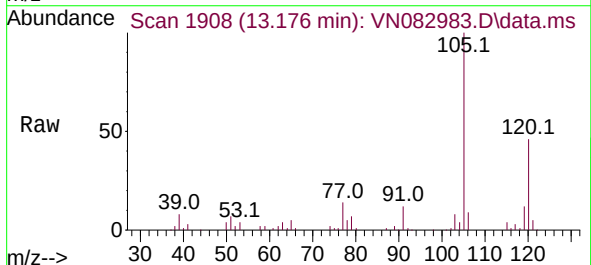
Acq: 19 Jul 2024 12:57

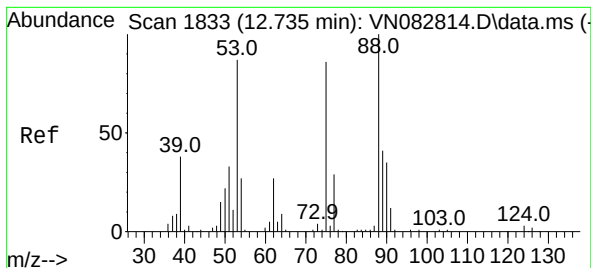
Tgt Ion:105 Resp: 69519

Ion Ratio Lower Upper

105 100

120 47.1 24.3 72.8

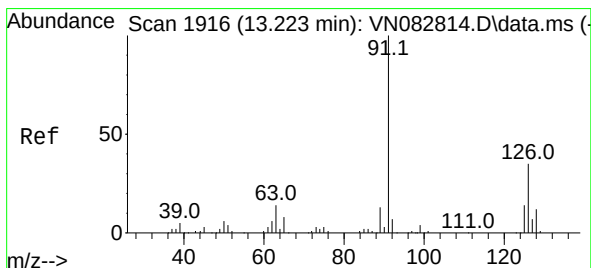
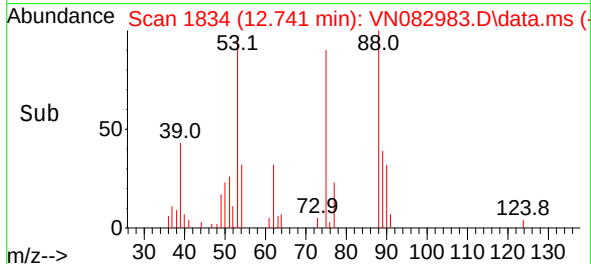
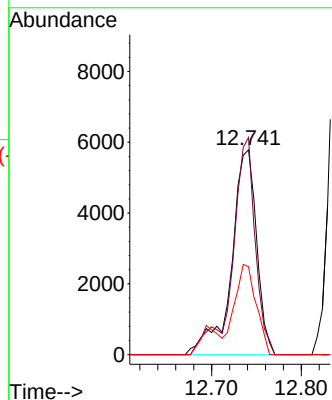
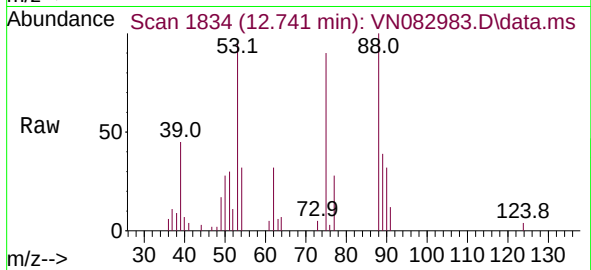




#81
trans-1,4-Dichloro-2-butene
Concen: 21.510 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

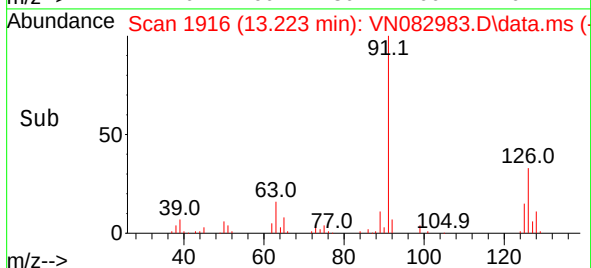
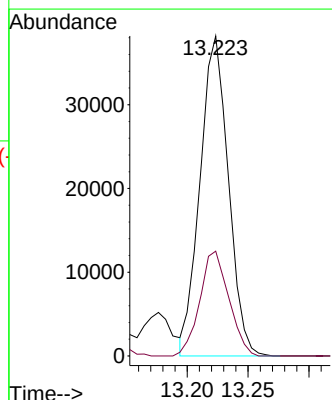
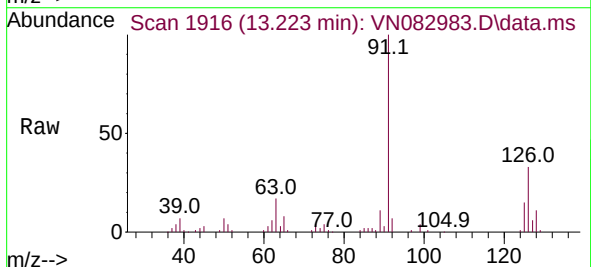
Instrument :
MSVOA_N
ClientSampleId :

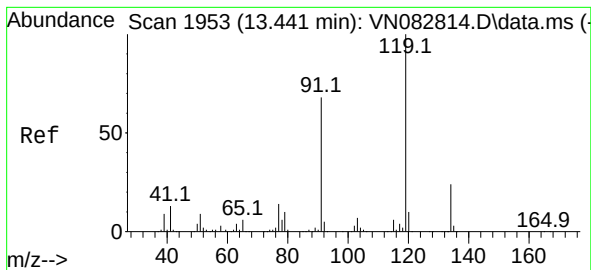
Tgt Ion: 75 Resp: 11269
Ion Ratio Lower Upper
75 100
53 95.5 88.4 132.6
89 38.0 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.659 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion: 91 Resp: 61906
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6

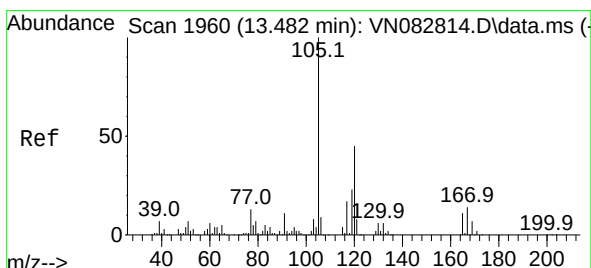
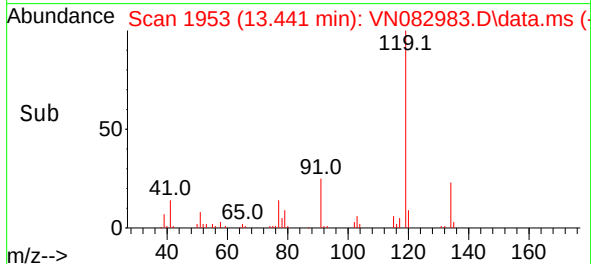
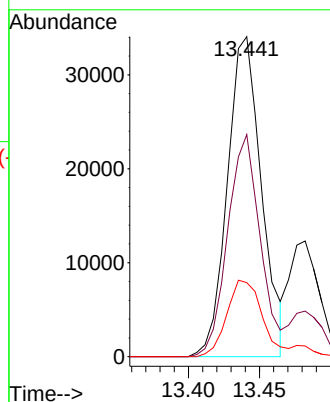
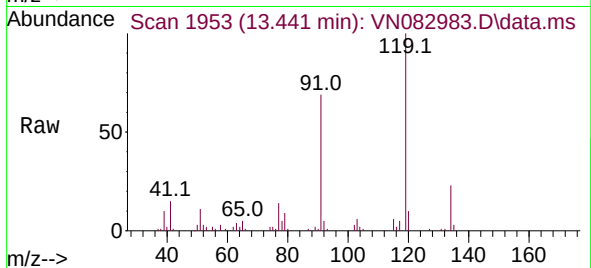




#83
tert-Butylbenzene
Concen: 18.282 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

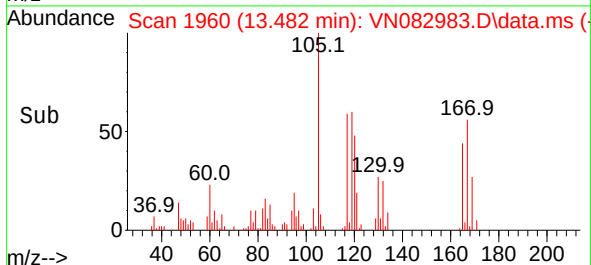
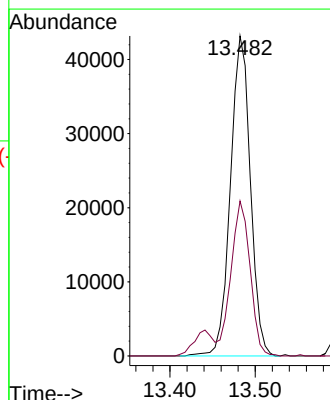
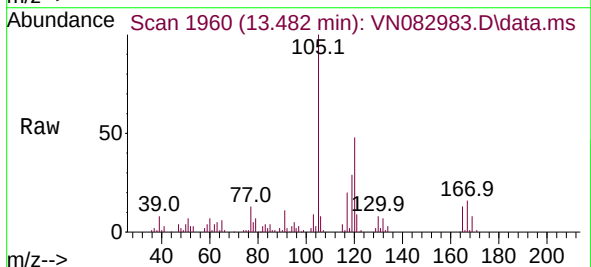
Instrument :
MSVOA_N
ClientSampleId :

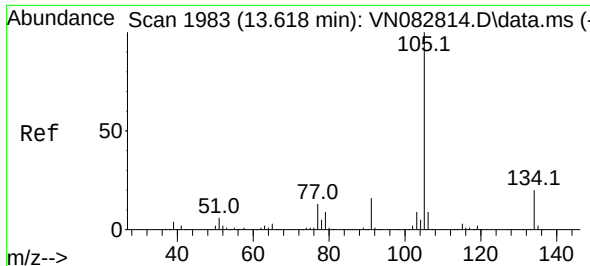
Tgt Ion:119 Resp: 56896
Ion Ratio Lower Upper
119 100
91 66.2 35.0 105.1
134 24.9 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 19.627 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion:105 Resp: 70221
Ion Ratio Lower Upper
105 100
120 46.7 21.9 65.8





#85

sec-Butylbenzene

Concen: 18.964 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

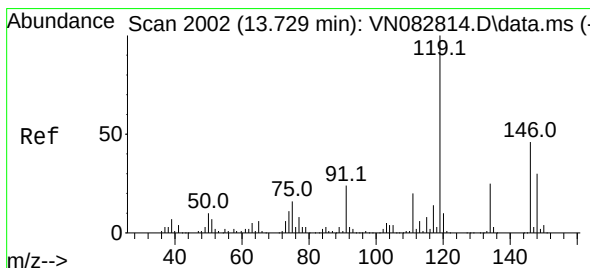
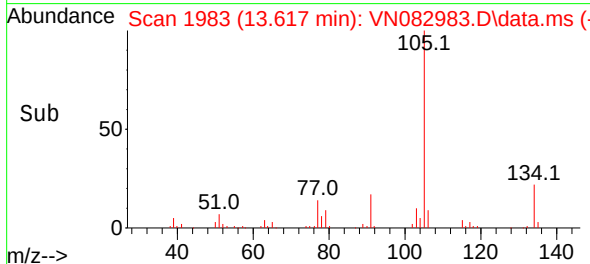
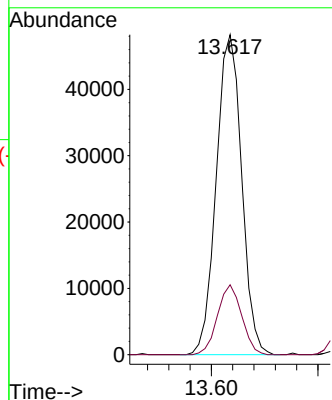
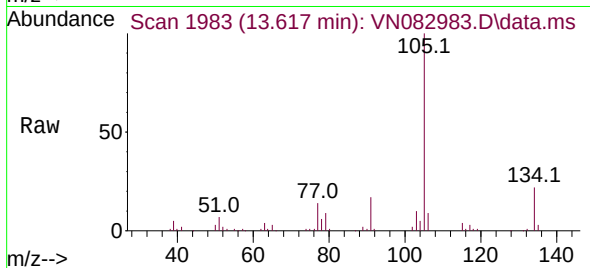
ClientSampleId :

Tgt Ion:105 Resp: 79754

Ion Ratio Lower Upper

105 100

134 20.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.558 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

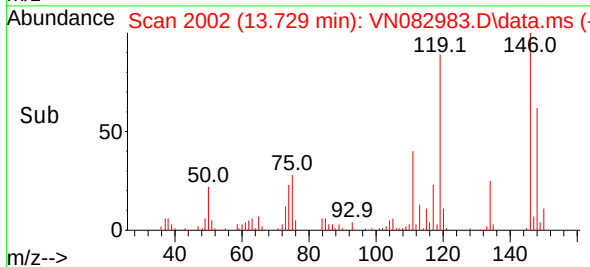
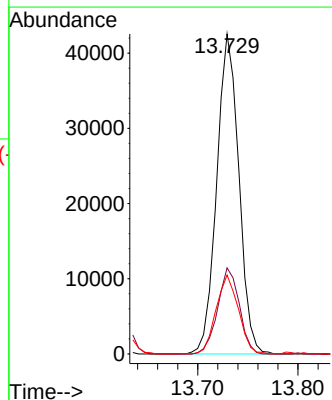
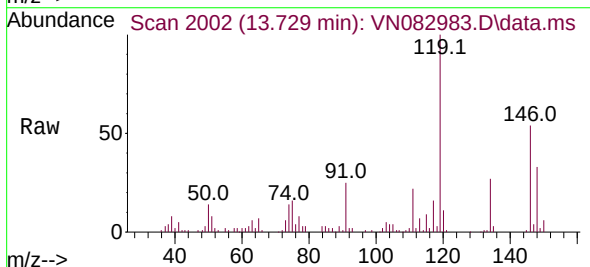
Tgt Ion:119 Resp: 65115

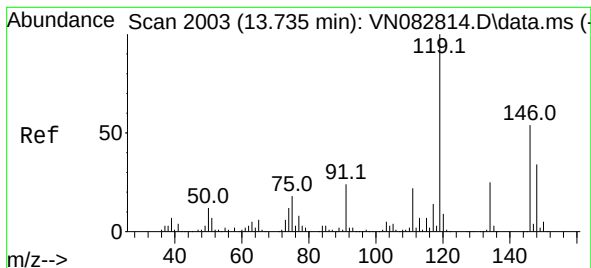
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 24.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.908 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

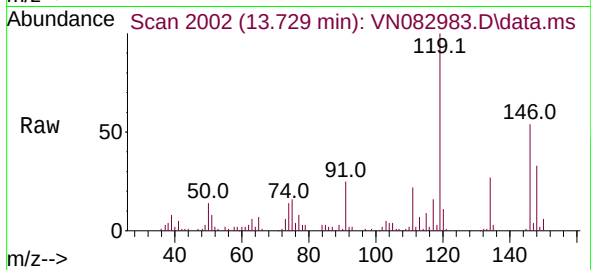
Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :



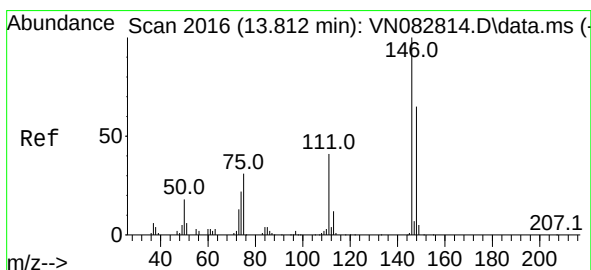
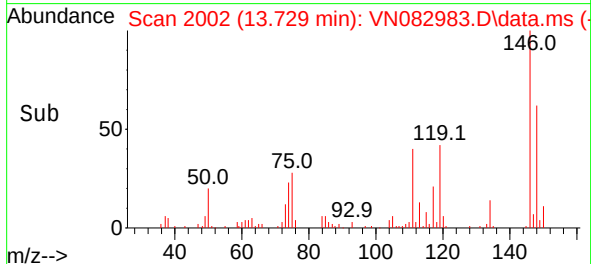
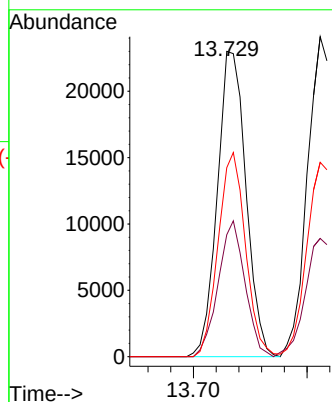
Tgt Ion:146 Resp: 40291

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.429 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.001 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

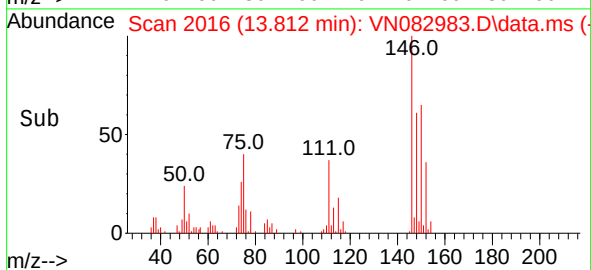
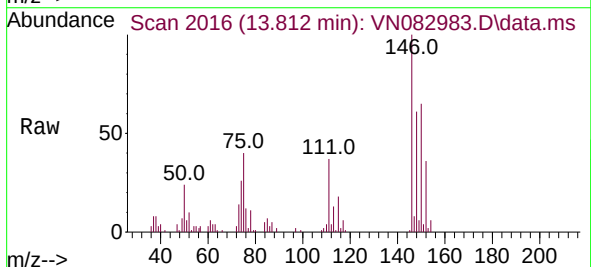
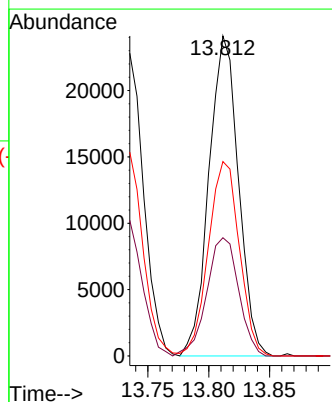
Tgt Ion:146 Resp: 40666

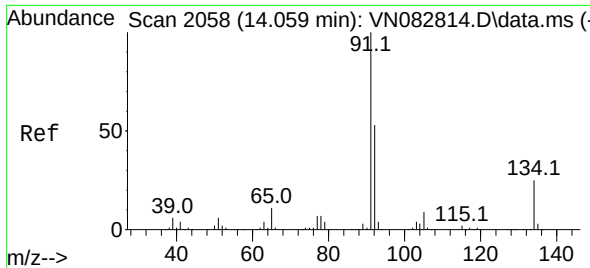
Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.3

148 63.7 32.2 96.6





#89

n-Butylbenzene

Concen: 18.105 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082983.D

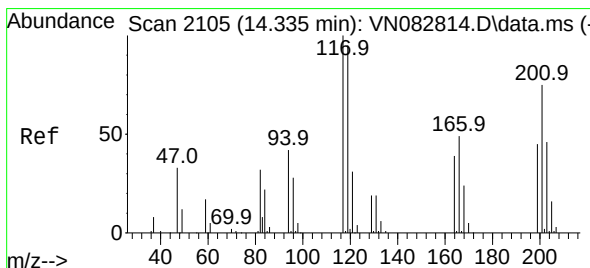
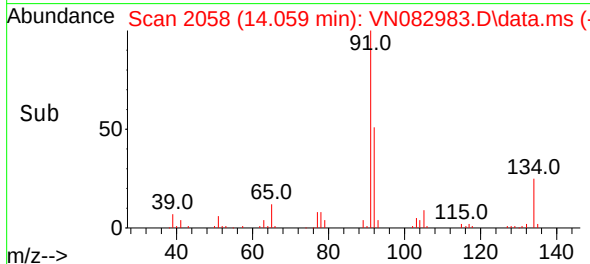
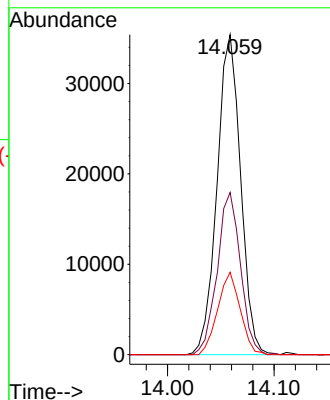
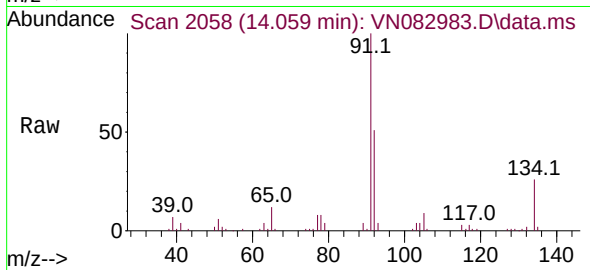
Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 54423
Ion Ratio	Lower Upper
91	100
92	50.0 26.1 78.3
134	24.6 12.1 36.3



#90

Hexachloroethane

Concen: 20.275 ug/l

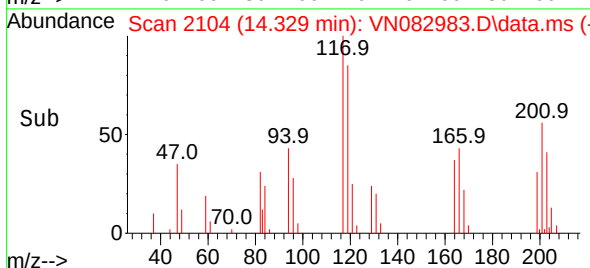
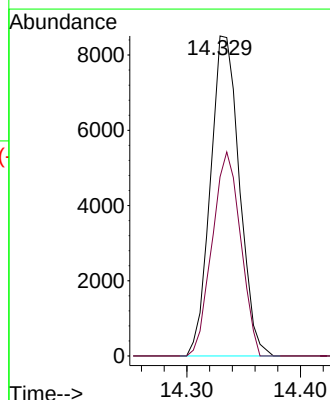
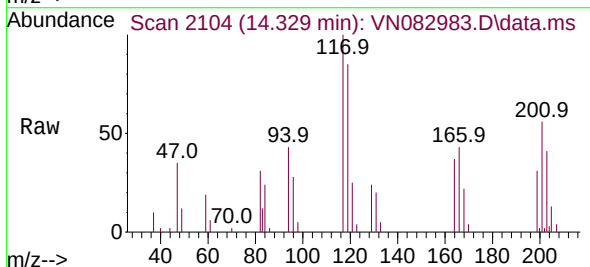
RT: 14.329 min Scan# 2104

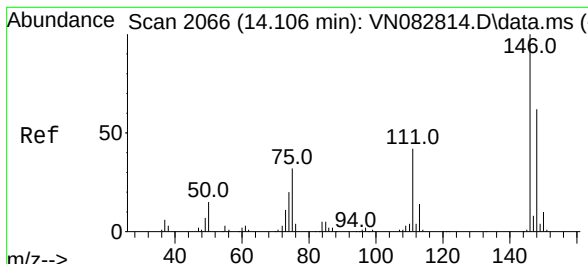
Delta R.T. -0.006 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

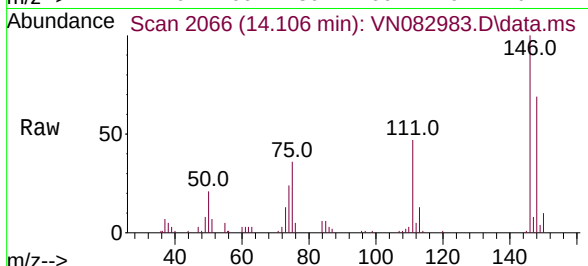
Tgt Ion: 117	Resp: 15053
Ion Ratio	Lower Upper
117	100
201	62.6 35.8 107.3



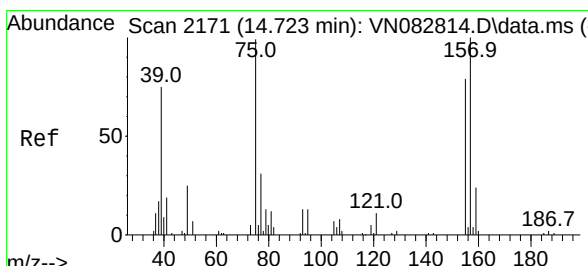
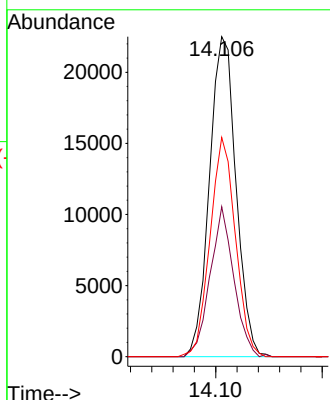
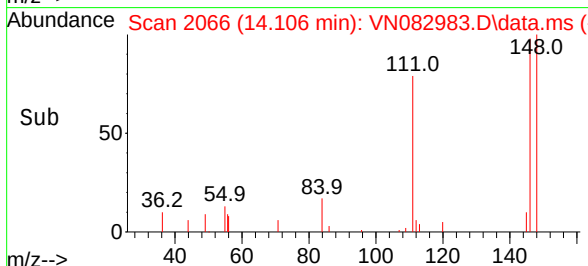


#91
 1,2-Dichlorobenzene
 Concen: 19.788 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN082983.D
 Acq: 19 Jul 2024 12:57

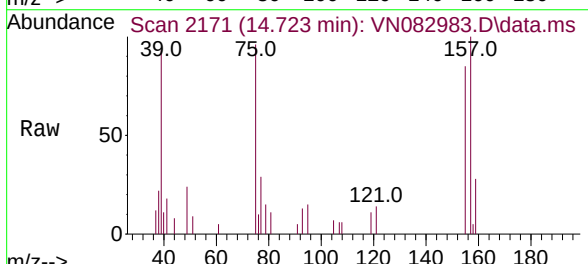
Instrument :
 MSVOA_N
 ClientSampleId :



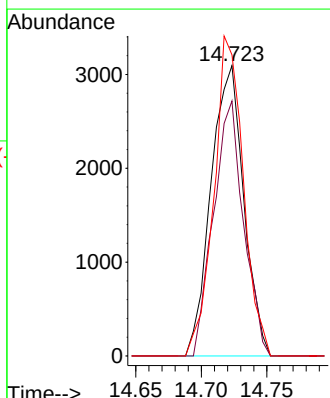
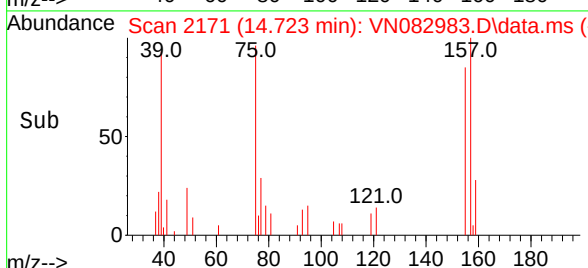
Tgt Ion:146 Resp: 38884
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.4 64.2
 148 65.4 32.1 96.5

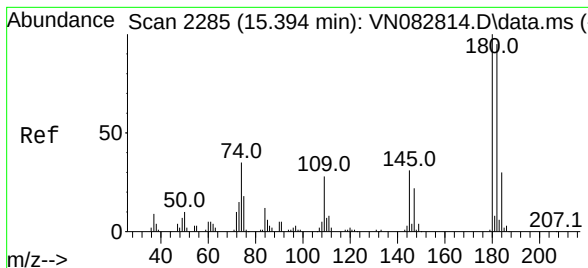


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.867 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN082983.D
 Acq: 19 Jul 2024 12:57



Tgt Ion: 75 Resp: 5376
 Ion Ratio Lower Upper
 75 100
 155 80.6 36.6 109.8
 157 98.7 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 17.814 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

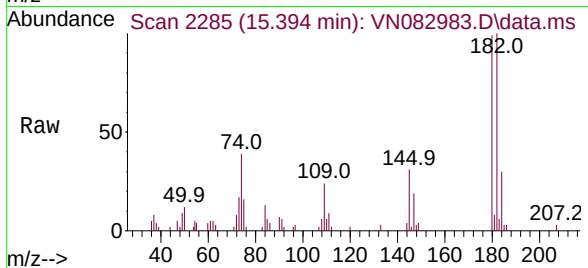
Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :



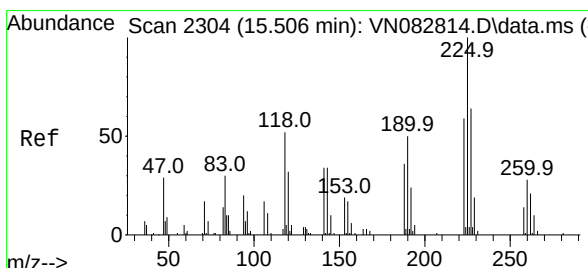
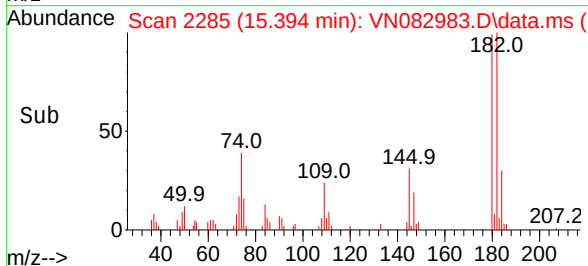
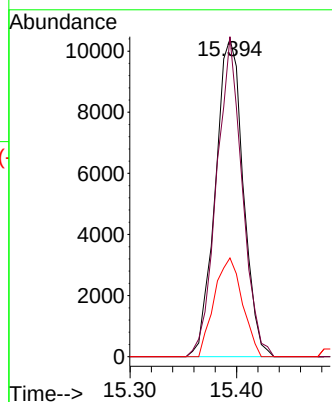
Tgt Ion:180 Resp: 18856

Ion Ratio Lower Upper

180 100

182 92.6 47.3 141.8

145 31.3 15.7 47.1



#94

Hexachlorobutadiene

Concen: 18.377 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082983.D

Acq: 19 Jul 2024 12:57

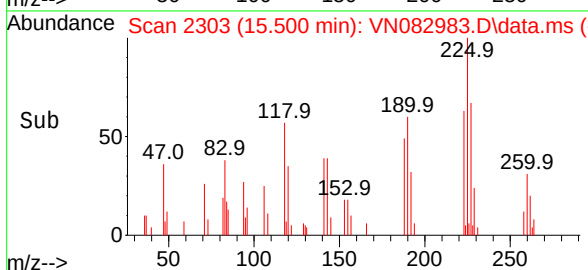
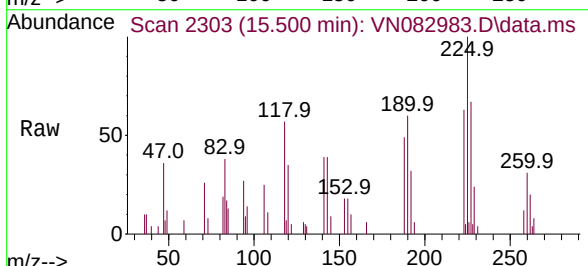
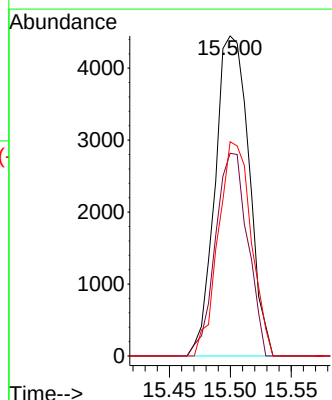
Tgt Ion:225 Resp: 8623

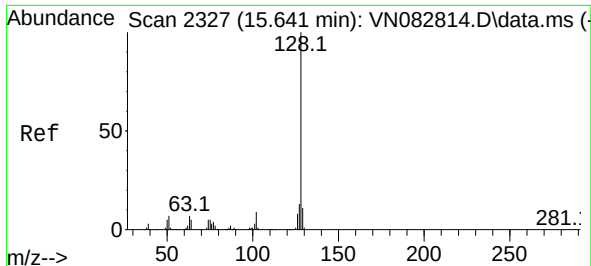
Ion Ratio Lower Upper

225 100

223 60.3 31.9 95.7

227 65.0 32.5 97.5

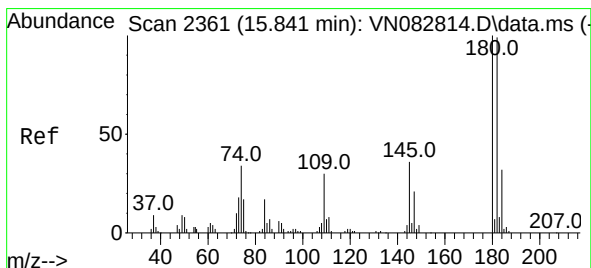
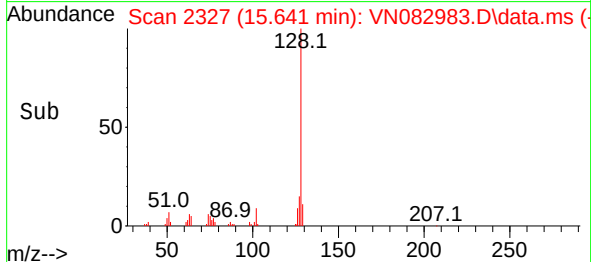
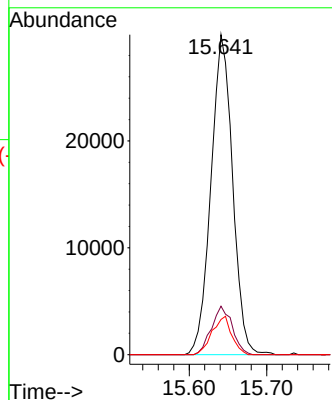
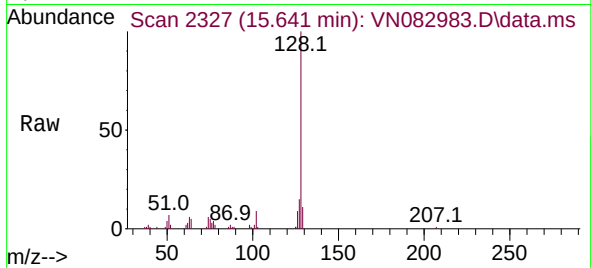




#95
Naphthalene
Concen: 16.036 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 58136
Ion Ratio Lower Upper
128 100
127 14.6 10.6 16.0
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 17.782 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082983.D
Acq: 19 Jul 2024 12:57

Tgt Ion:180 Resp: 19353
Ion Ratio Lower Upper
180 100
182 94.7 48.9 146.8
145 33.6 16.8 50.4

