

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083979.D
 Acq On : 18 Sep 2024 13:51
 Operator : JC\MD
 Sample : VN0918WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 01:32:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	140165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104738	49.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.120%
35) Dibromofluoromethane	8.165	113	74180	46.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	10.565	98	261744	47.886	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.847	95	104054	46.141	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30433	18.696	ug/l	98
3) Chloromethane	2.359	50	30700	17.260	ug/l	97
4) Vinyl Chloride	2.518	62	31553	17.684	ug/l	100
5) Bromomethane	2.965	94	21808	21.288	ug/l	99
6) Chloroethane	3.124	64	22201	17.739	ug/l	100
7) Trichlorofluoromethane	3.501	101	57088	18.850	ug/l	92
8) Diethyl Ether	3.965	74	21332	21.012	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	31849	19.840	ug/l	98
10) Methyl Iodide	4.589	142	39475	19.335	ug/l	92
11) Tert butyl alcohol	5.524	59	39204	138.522	ug/l	100
12) 1,1-Dichloroethene	4.348	96	28329	18.686	ug/l	99
13) Acrolein	4.177	56	21327	76.374	ug/l	100
14) Allyl chloride	5.024	41	50031	18.521	ug/l	90
15) Acrylonitrile	5.718	53	89371	116.117	ug/l	98
16) Acetone	4.424	43	84130	99.298	ug/l	97
17) Carbon Disulfide	4.712	76	70006	16.508	ug/l	98
18) Methyl Acetate	5.024	43	43793	23.837	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	119281	21.743	ug/l	96
20) Methylene Chloride	5.277	84	35260	20.337	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	30552	18.804	ug/l	98
22) Diisopropyl ether	6.671	45	119720	21.529	ug/l	98
23) Vinyl Acetate	6.606	43	446810	109.720	ug/l	97
24) 1,1-Dichloroethane	6.571	63	64108	20.011	ug/l	96
25) 2-Butanone	7.483	43	126973	114.023	ug/l	97
26) 2,2-Dichloropropane	7.489	77	55564	18.833	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	39417	20.437	ug/l	99
28) Bromochloromethane	7.812	49	30702	22.756	ug/l	97
29) Tetrahydrofuran	7.836	42	79585	120.868	ug/l	98
30) Chloroform	7.965	83	69881	20.546	ug/l	98
31) Cyclohexane	8.253	56	53629	17.557	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	64010	20.467	ug/l	95
36) 1,1-Dichloropropene	8.371	75	44426	18.668	ug/l	99
37) Ethyl Acetate	7.559	43	52161	24.147	ug/l	98
38) Carbon Tetrachloride	8.365	117	52364	19.395	ug/l	97
39) Methylcyclohexane	9.600	83	48196	17.792	ug/l	98
40) Benzene	8.606	78	141861	19.805	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	29748	23.284	ug/l	98
42) 1,2-Dichloroethane	8.671	62	57591	21.517	ug/l	99
43) Isopropyl Acetate	8.688	43	90469	23.111	ug/l	99
44) Trichloroethene	9.353	130	32890	19.828	ug/l	96
45) 1,2-Dichloropropane	9.618	63	35036	20.238	ug/l	92
46) Dibromomethane	9.706	93	26492	21.847	ug/l	98
47) Bromodichloromethane	9.888	83	55034	20.971	ug/l #	99
48) Methyl methacrylate	9.682	41	41379	22.281	ug/l	95
49) 1,4-Dioxane	9.694	88	15944	521.870	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	265104	124.413	ug/l	97
52) Toluene	10.629	92	88535	20.207	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	55171	20.740	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	59400	21.258	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	34862	21.313	ug/l	97
56) Ethyl methacrylate	10.877	69	58894	23.403	ug/l	95
57) 1,3-Dichloropropane	11.159	76	60988	21.695	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	112775	124.370	ug/l	96
59) 2-Hexanone	11.194	43	191655	121.590	ug/l	98
60) Dibromochloromethane	11.359	129	40151	21.934	ug/l	99
61) 1,2-Dibromoethane	11.465	107	34087	20.896	ug/l	98
64) Tetrachloroethene	11.100	164	27870	19.252	ug/l	95
65) Chlorobenzene	11.894	112	95323	19.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	34341	20.475	ug/l	99
67) Ethyl Benzene	11.965	91	175425	20.412	ug/l	96
68) m/p-Xylenes	12.071	106	128744	40.349	ug/l	99
69) o-Xylene	12.400	106	62736	20.310	ug/l	100
70) Styrene	12.412	104	105291	20.770	ug/l	98
71) Bromoform	12.576	173	25795	22.823	ug/l #	99
73) Isopropylbenzene	12.694	105	162629	20.396	ug/l	99
74) N-amyl acetate	12.494	43	79811	23.460	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	49686	21.208	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	68172	32.782	ug/l	60
77) Bromobenzene	12.976	156	38504	20.061	ug/l	98
78) n-propylbenzene	13.035	91	190349	20.518	ug/l	100
79) 2-Chlorotoluene	13.123	91	120077	20.295	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	139904	20.811	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16419	20.678	ug/l #	84
82) 4-Chlorotoluene	13.218	91	120840	20.352	ug/l	100
83) tert-Butylbenzene	13.435	119	117979	20.060	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	142664	21.127	ug/l	97
85) sec-Butylbenzene	13.618	105	159249	20.416	ug/l	99
86) p-Isopropyltoluene	13.729	119	135137	20.668	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	67738	18.701	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	69292	18.892	ug/l	97
89) n-Butylbenzene	14.053	91	115869	19.737	ug/l	98
90) Hexachloroethane	14.335	117	25367	19.300	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	67109	19.197	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10752	23.023	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	34045	18.148	ug/l	99
94) Hexachlorobutadiene	15.500	225	15458	19.403	ug/l	97
95) Naphthalene	15.641	128	118459	20.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34802	19.412	ug/l	98

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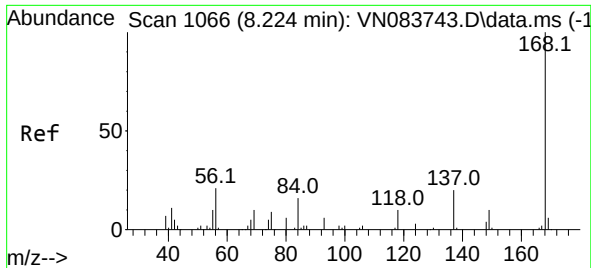
Quant Time: Sep 19 01:32:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

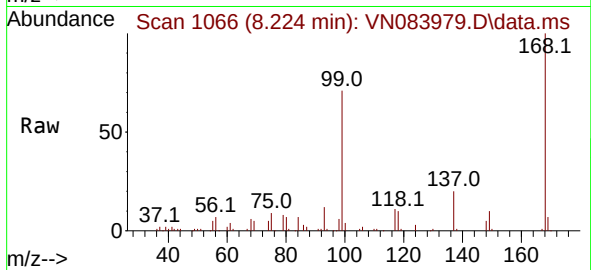
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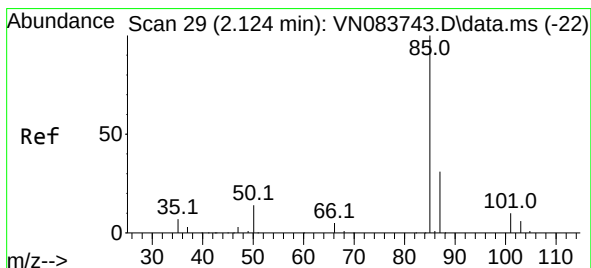
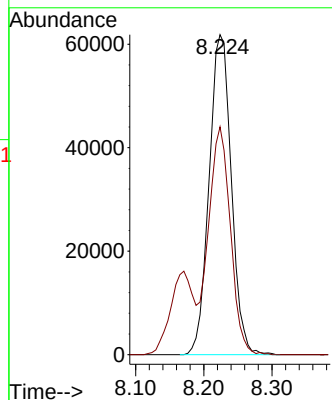
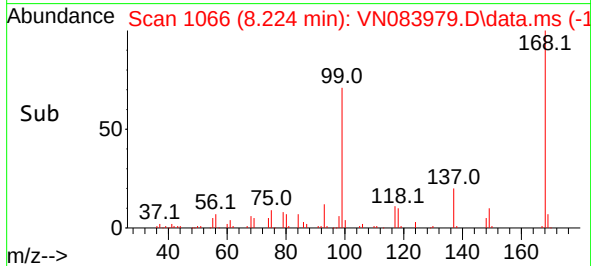


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083979.D
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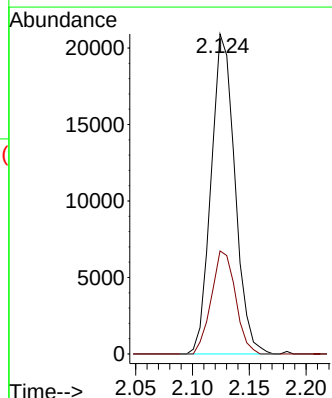
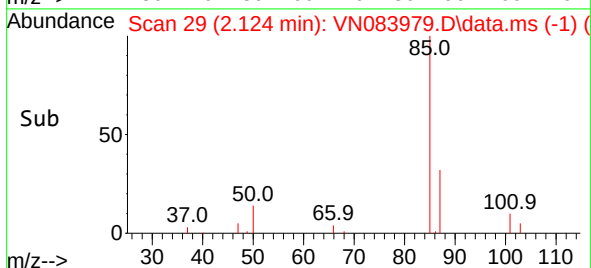
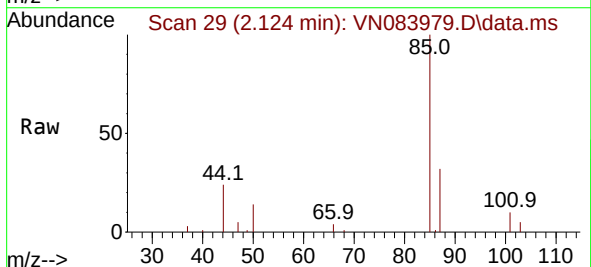


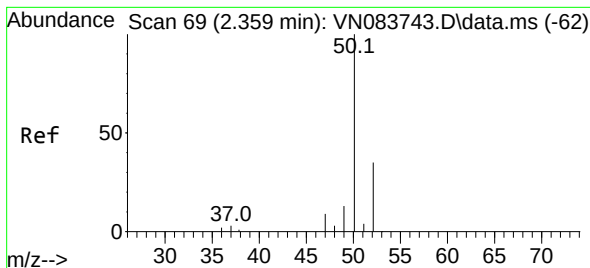
Tgt Ion:168 Resp: 140165
Ion Ratio Lower Upper
168 100
99 71.2 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 18.696 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 85 Resp: 30433
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0





#3

Chloromethane

Concen: 17.260 ug/l

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

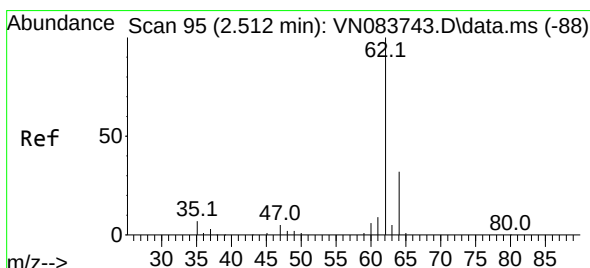
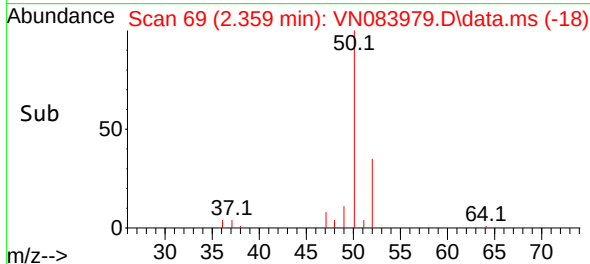
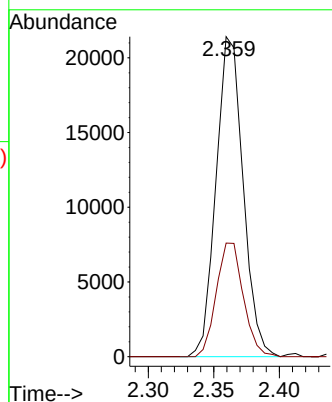
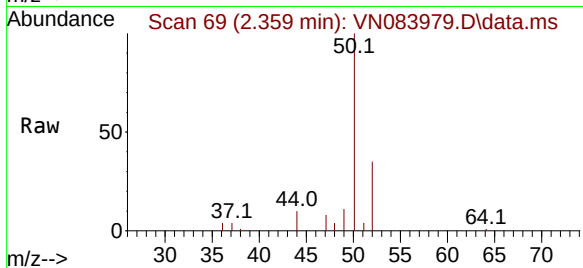
ClientSampleId :

Tgt Ion: 50 Resp: 30700

Ion Ratio Lower Upper

50 100

52 35.5 27.2 40.8



#4

Vinyl Chloride

Concen: 17.684 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083979.D

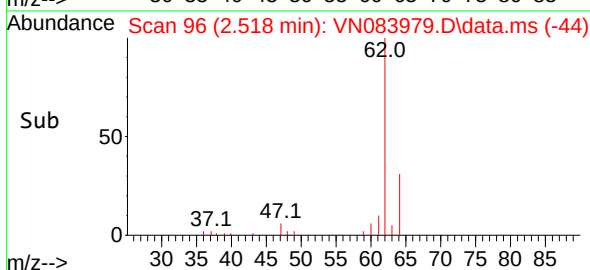
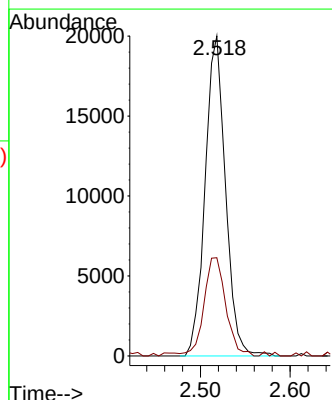
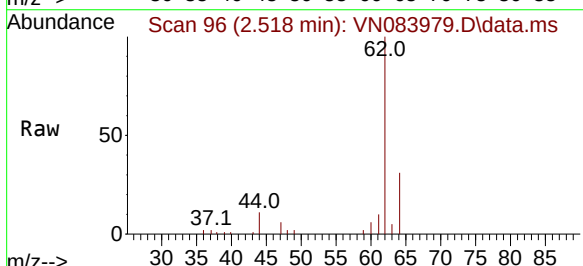
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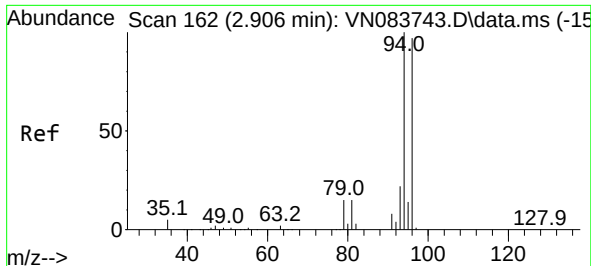
Tgt Ion: 62 Resp: 31553

Ion Ratio Lower Upper

62 100

64 30.7 24.7 37.1

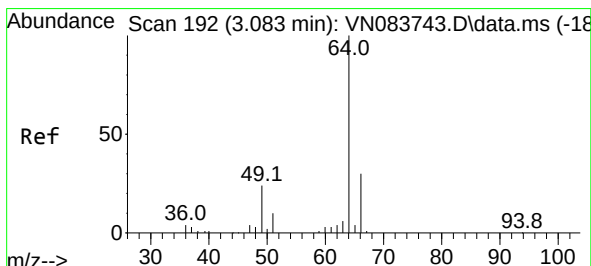
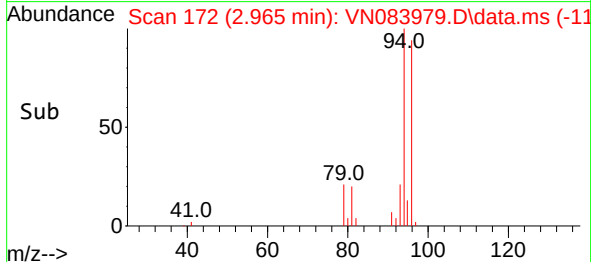
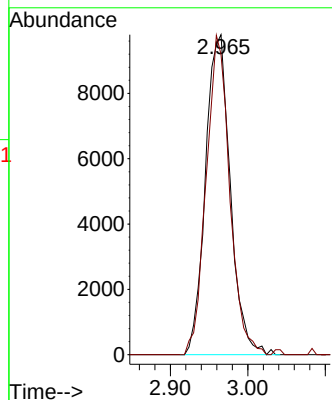
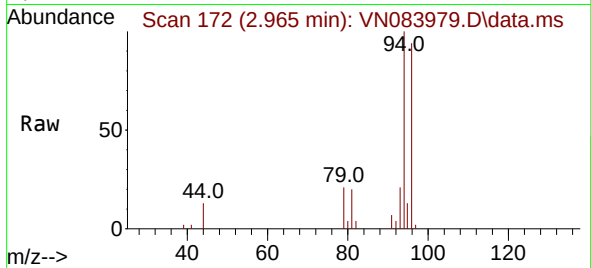




#5
Bromomethane
Concen: 21.288 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

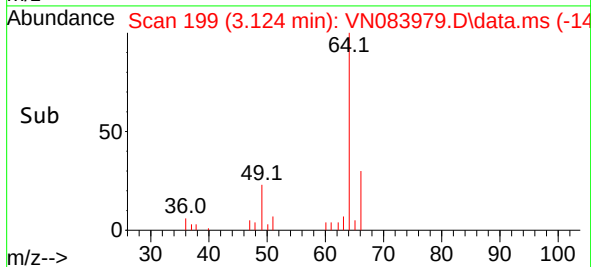
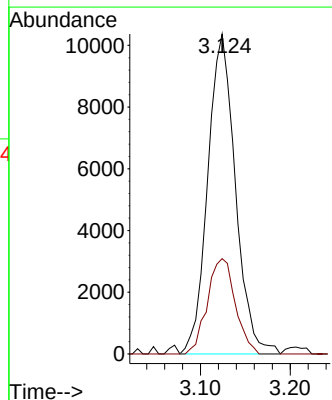
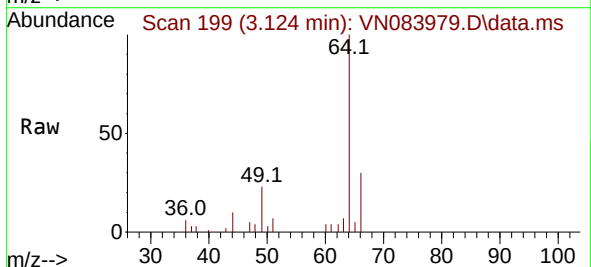
Instrument :
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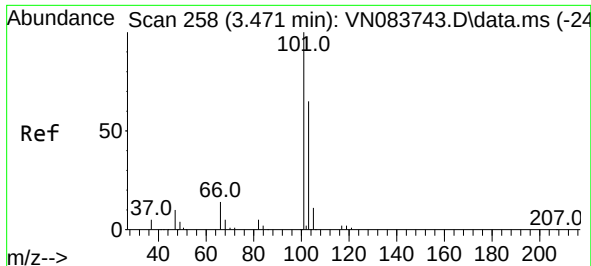
Tgt Ion: 94 Resp: 21808
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0



#6
Chloroethane
Concen: 17.739 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 64 Resp: 22201
Ion Ratio Lower Upper
64 100
66 29.8 23.9 35.9

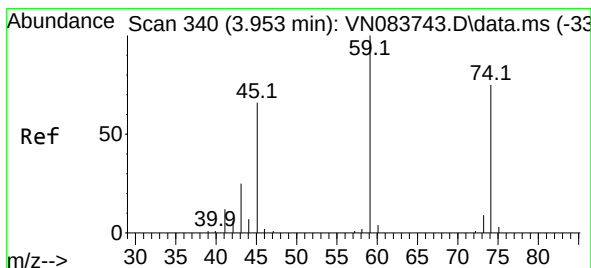
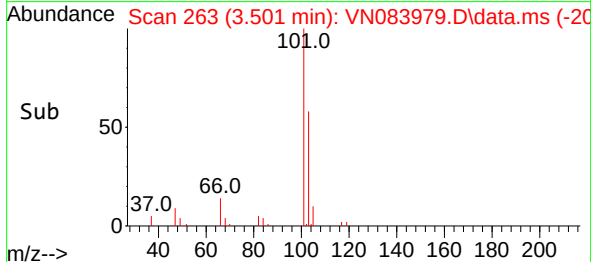
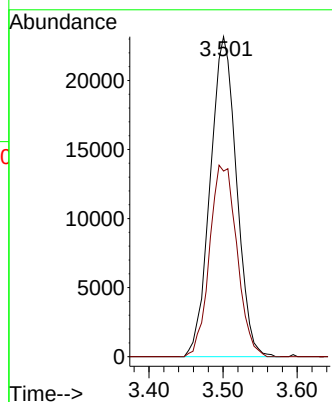
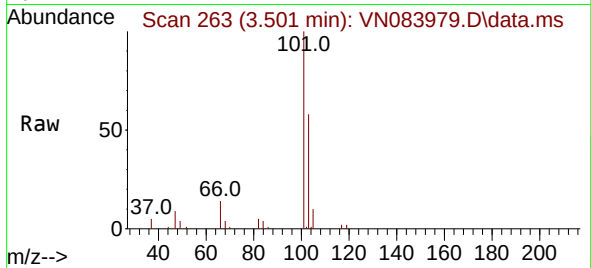




#7
 Trichlorofluoromethane
 Concen: 18.850 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51

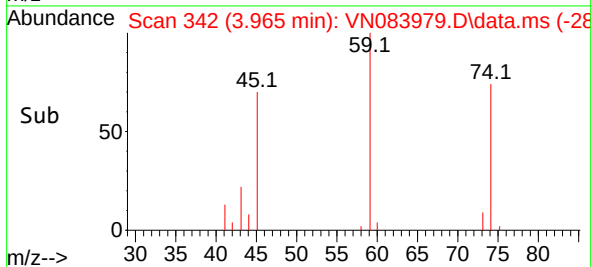
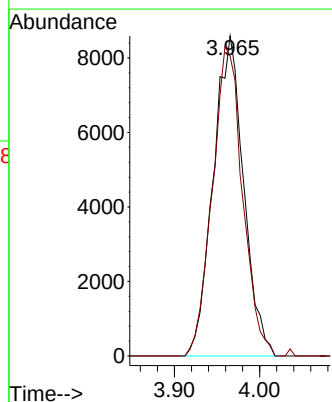
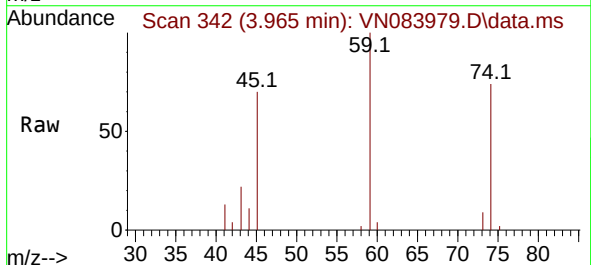
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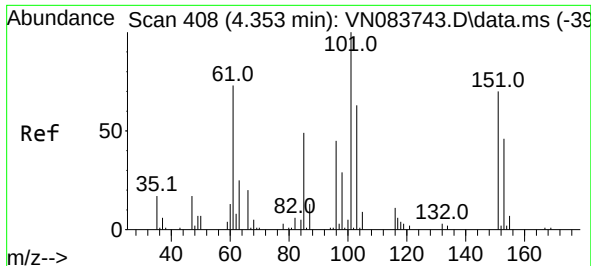
Tgt Ion:101 Resp: 57088
 Ion Ratio Lower Upper
 101 100
 103 58.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.012 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51

Tgt Ion: 74 Resp: 21332
 Ion Ratio Lower Upper
 74 100
 45 95.8 46.7 140.1

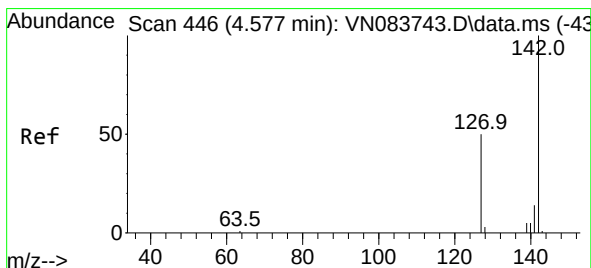
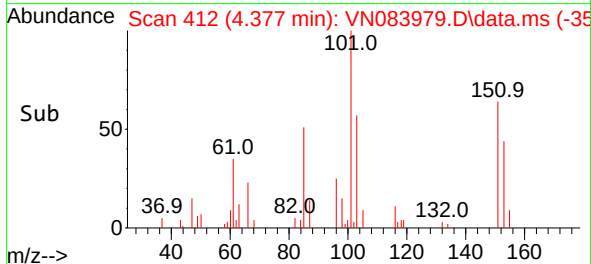
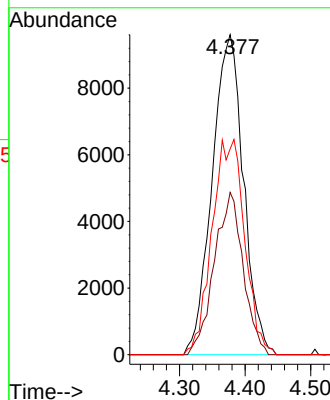
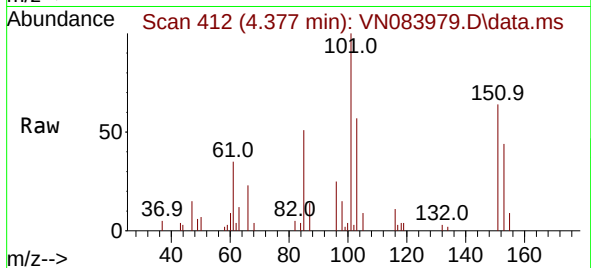




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.840 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.024 min
Lab File: VN083979.D
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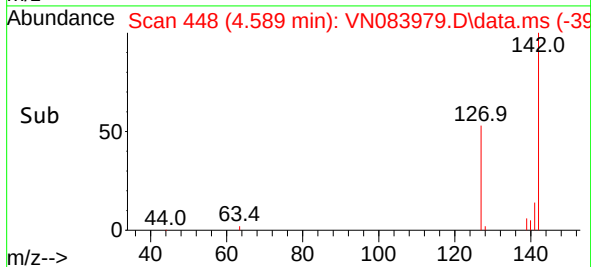
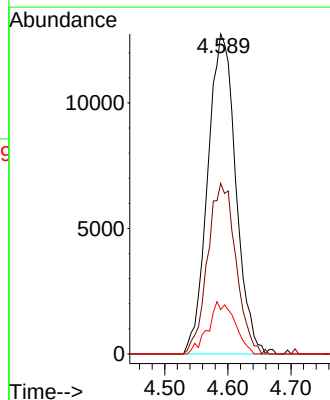
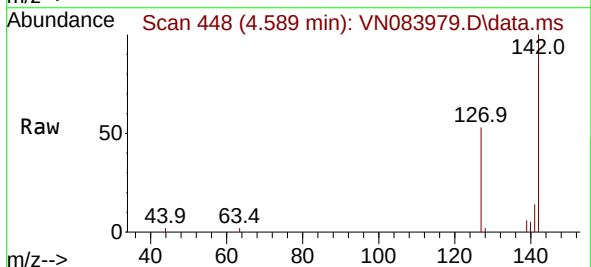
Instrument :
MSVOA_N
ClientSampleId :

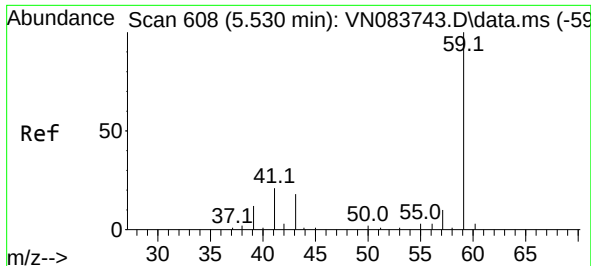
Tgt Ion:101 Resp: 31849
Ion Ratio Lower Upper
101 100
85 46.8 36.2 54.4
151 70.2 57.7 86.5



#10
Methyl Iodide
Concen: 19.335 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion:142 Resp: 39475
Ion Ratio Lower Upper
142 100
127 53.3 37.5 56.3
141 13.8 11.0 16.4

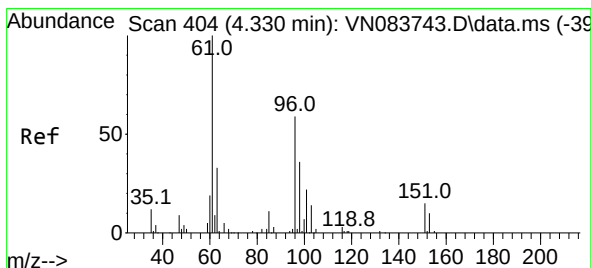
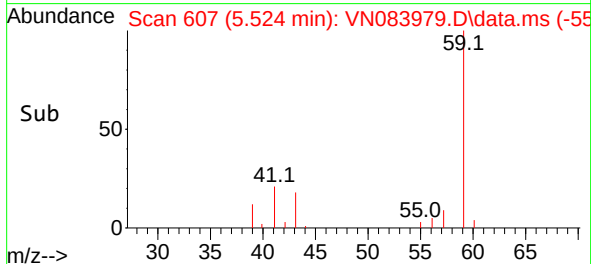
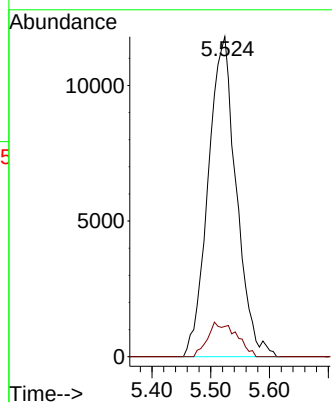
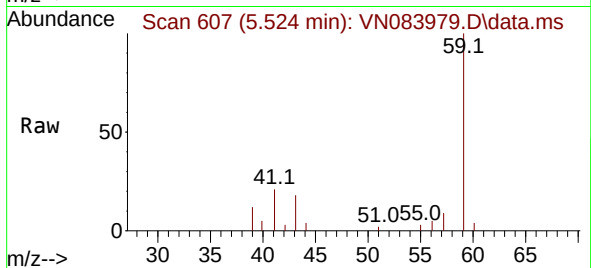




#11
Tert butyl alcohol
Concen: 138.522 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

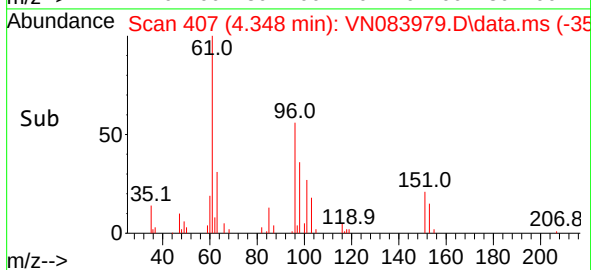
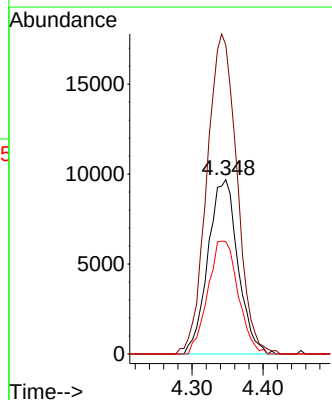
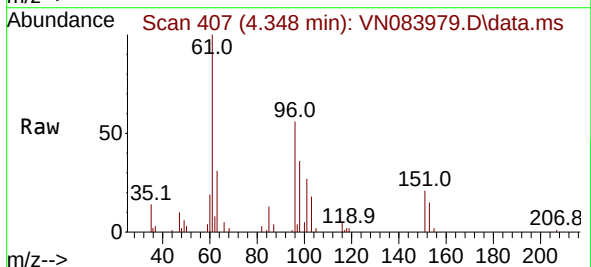
Instrument :
MSVOA_N
ClientSampleId :

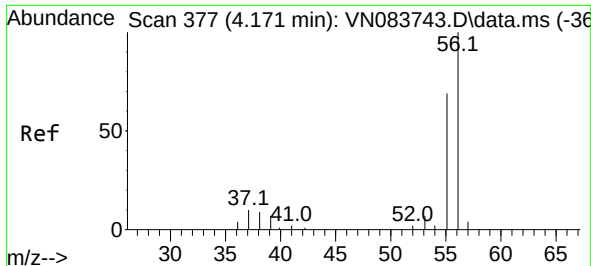
Tgt Ion: 59 Resp: 39204
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1



#12
1,1-Dichloroethene
Concen: 18.686 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 96 Resp: 28329
Ion Ratio Lower Upper
96 100
61 177.4 143.4 215.0
98 64.5 52.7 79.1





#13

Acrolein

Concen: 76.374 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

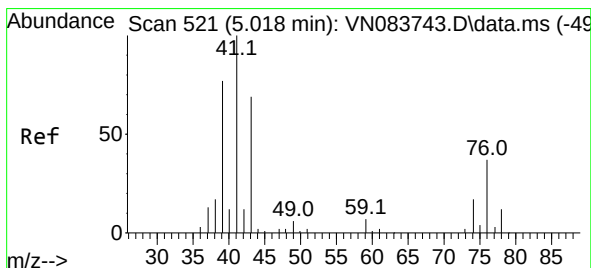
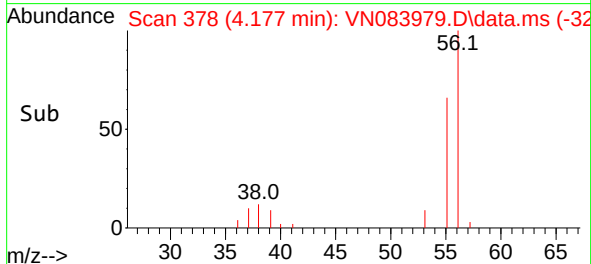
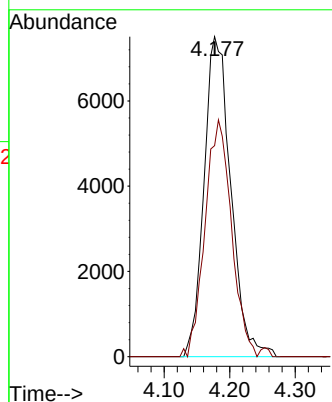
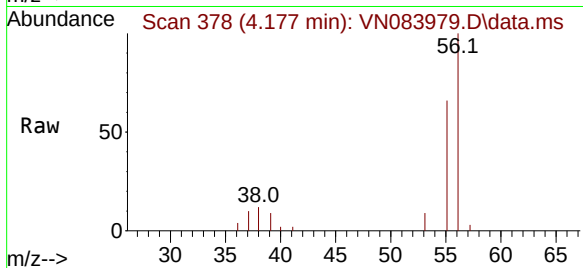
ClientSampleId :

Tgt Ion: 56 Resp: 21327

Ion Ratio Lower Upper

56 100

55 73.0 58.2 87.2



#14

Allyl chloride

Concen: 18.521 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

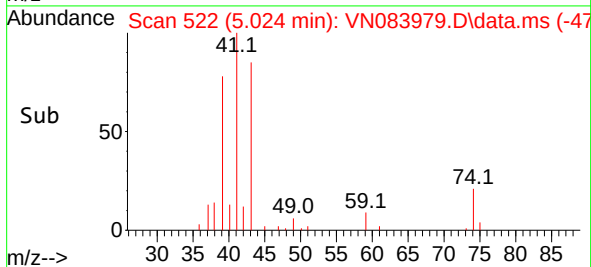
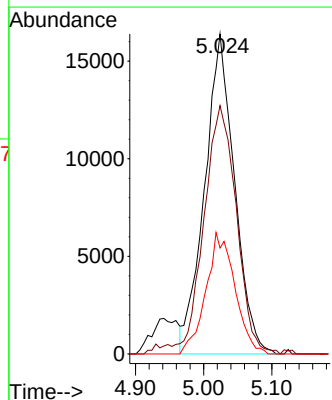
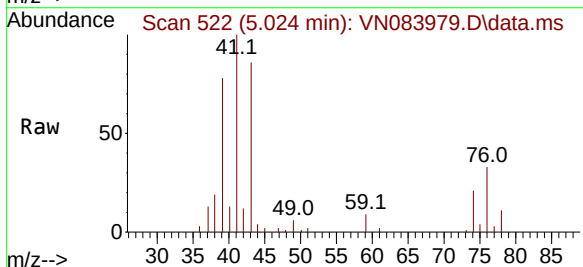
Tgt Ion: 41 Resp: 50031

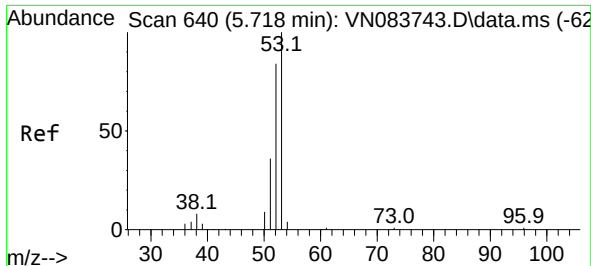
Ion Ratio Lower Upper

41 100

39 85.6 59.3 88.9

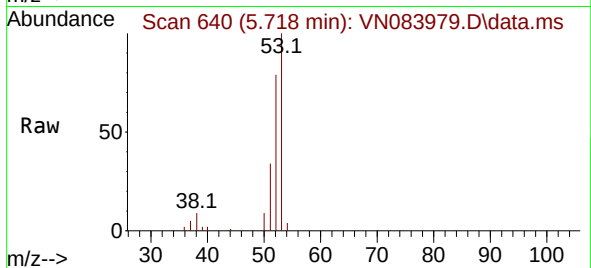
76 36.6 27.7 41.5



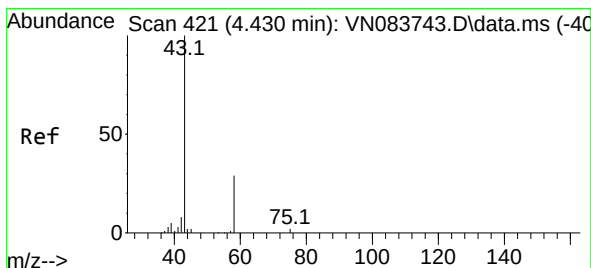
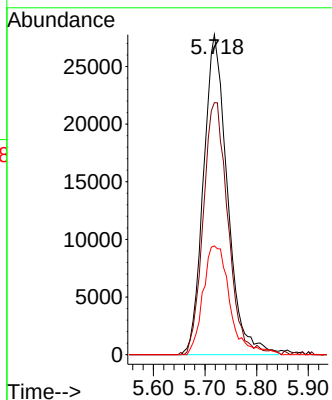


#15
Acrylonitrile
Concen: 116.117 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

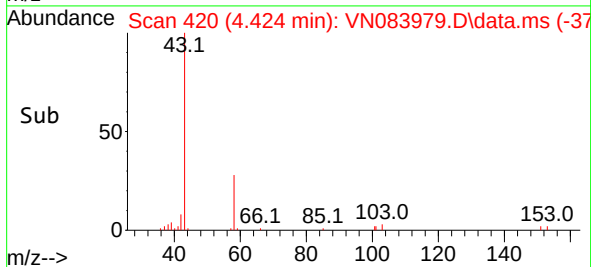
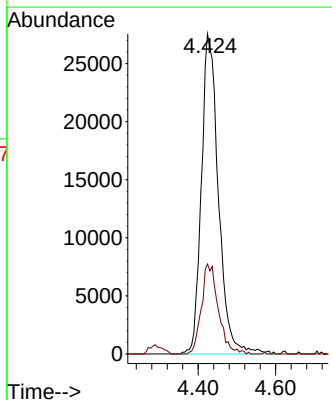
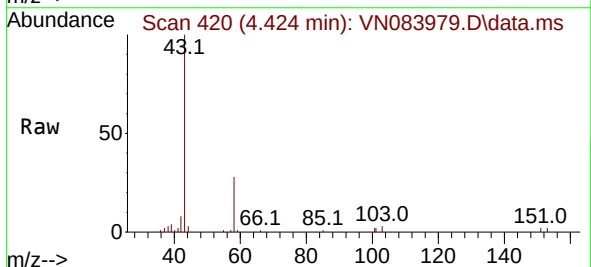


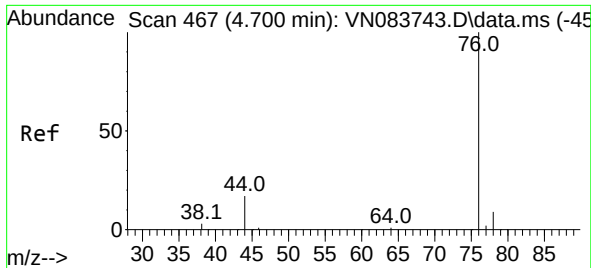
Tgt Ion:	53	Resp:	89371
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.1	99.1
51	38.1	29.6	44.4



#16
Acetone
Concen: 99.298 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion:	43	Resp:	84130
Ion	Ratio	Lower	Upper
43	100		
58	28.1	23.7	35.5

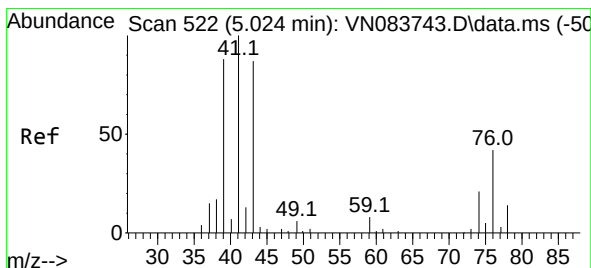
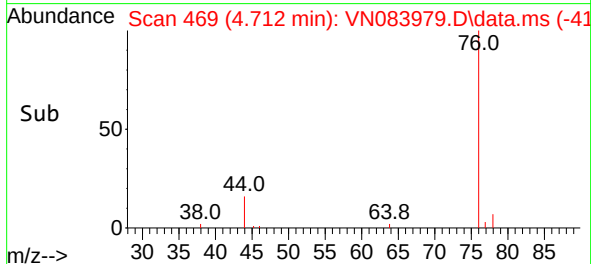
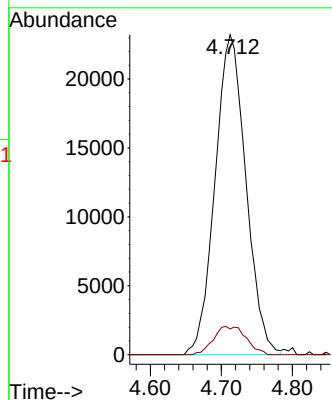
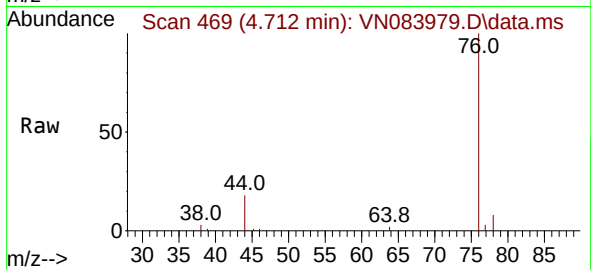




#17
Carbon Disulfide
Concen: 16.508 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

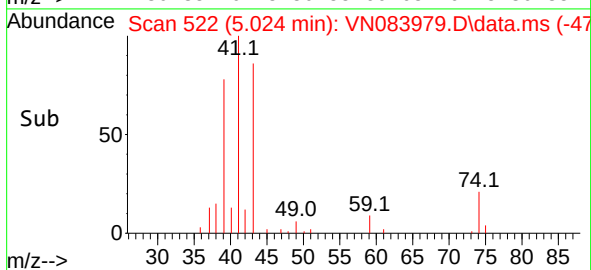
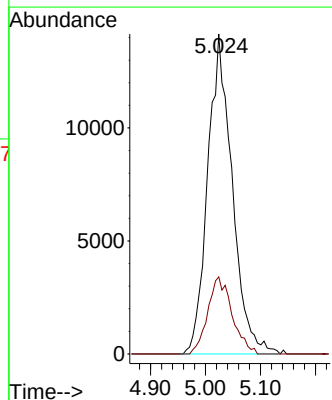
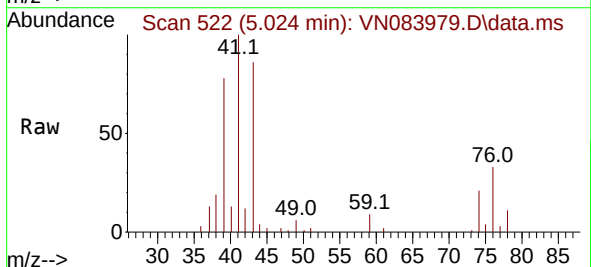
Instrument :
MSVOA_N
ClientSampleId :

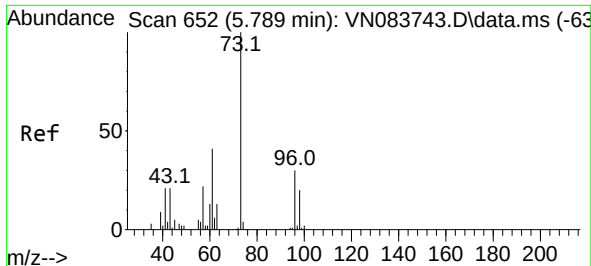
Tgt Ion: 76 Resp: 70006
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#18
Methyl Acetate
Concen: 23.837 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 43 Resp: 43793
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.4

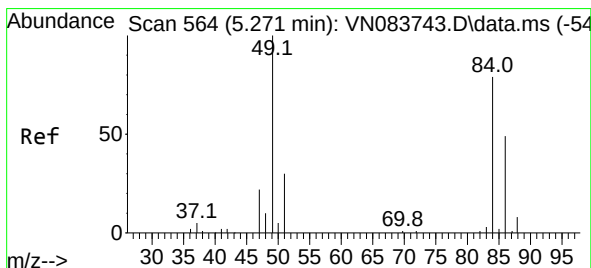
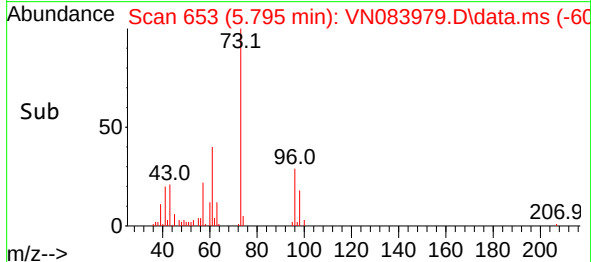
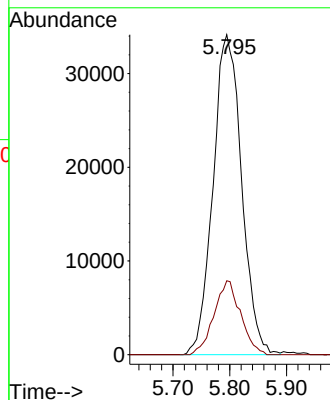
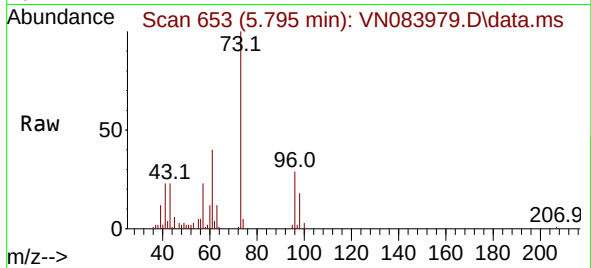




#19
Methyl tert-butyl Ether
Concen: 21.743 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

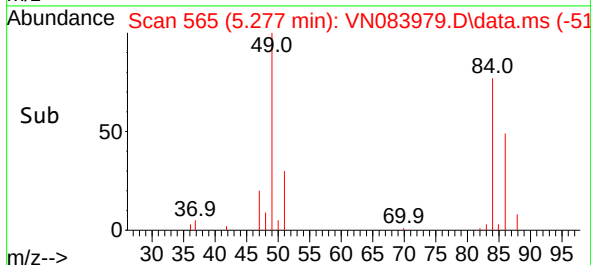
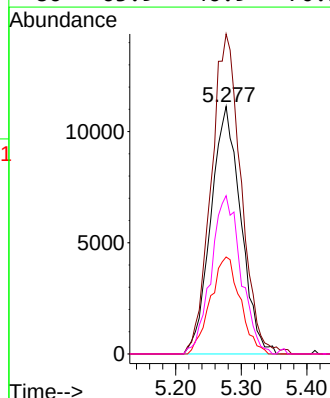
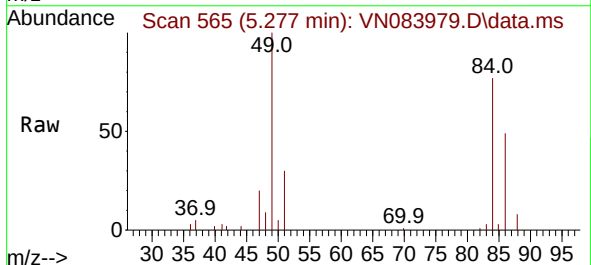
Instrument :
MSVOA_N
ClientSampleId :

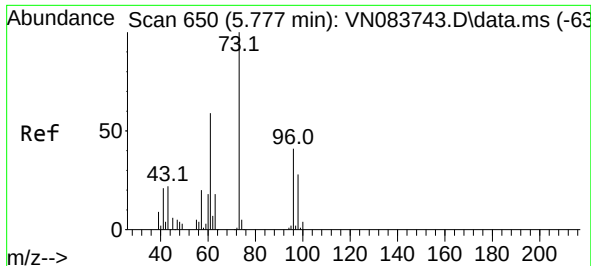
Tgt Ion: 73 Resp: 119281
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6



#20
Methylene Chloride
Concen: 20.337 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 84 Resp: 35260
Ion Ratio Lower Upper
84 100
49 129.3 93.4 140.0
51 39.2 29.2 43.8
86 63.9 46.9 70.3

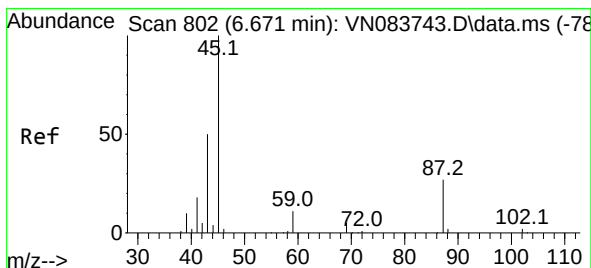
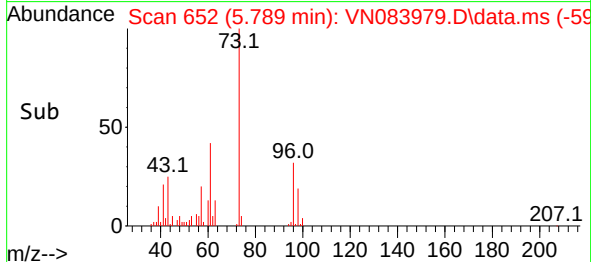
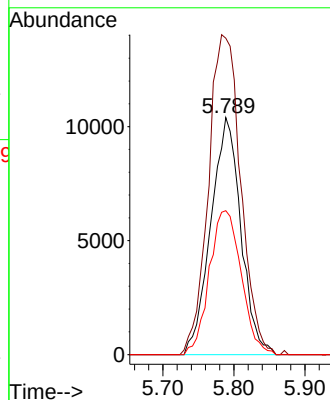
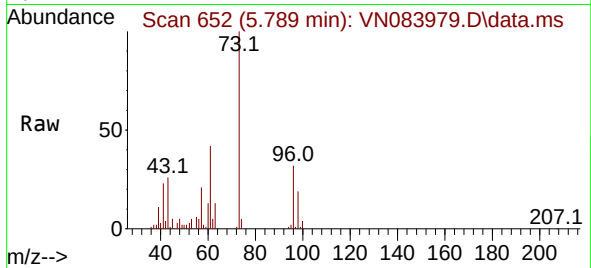




#21
trans-1,2-Dichloroethene
Concen: 18.804 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

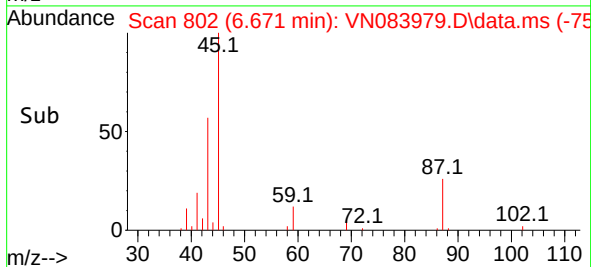
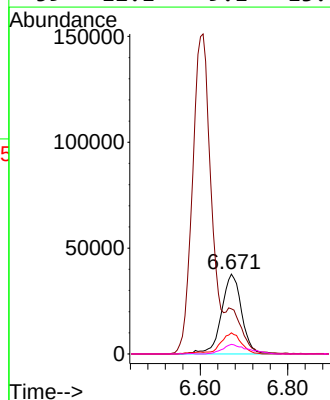
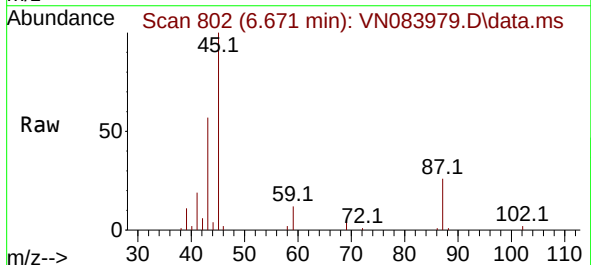
Instrument :
MSVOA_N
ClientSampleId :

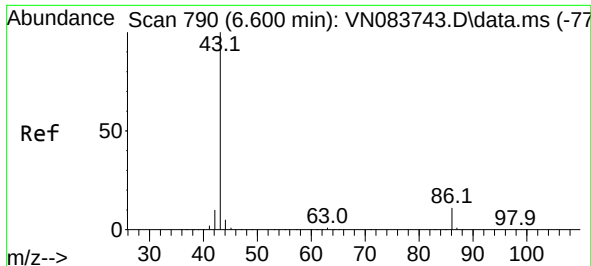
Tgt Ion: 96 Resp: 30552
Ion Ratio Lower Upper
96 100
61 133.5 106.0 159.0
98 60.8 52.2 78.2



#22
Diisopropyl ether
Concen: 21.529 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 45 Resp: 119720
Ion Ratio Lower Upper
45 100
43 55.7 43.4 65.0
87 26.5 22.6 33.8
59 12.1 9.1 13.7

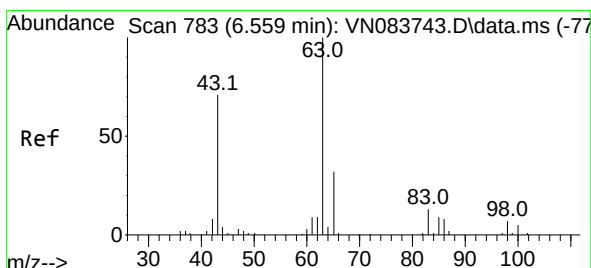
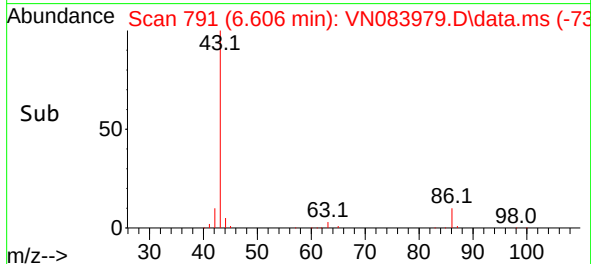
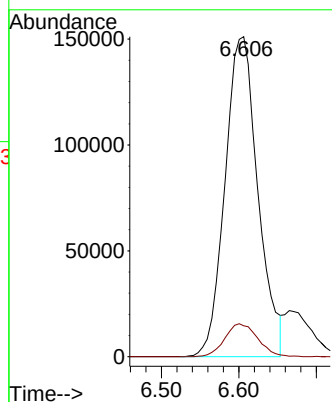
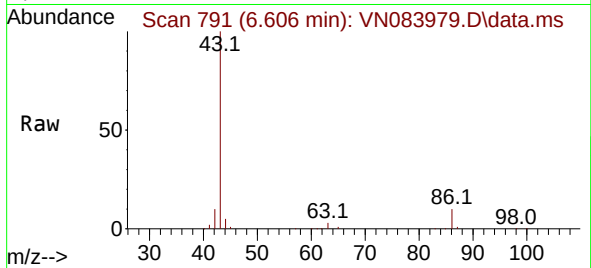




#23
 Vinyl Acetate
 Concen: 109.720 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51

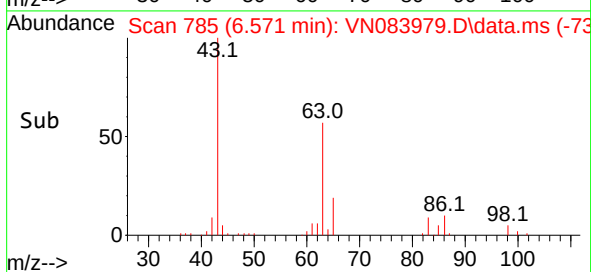
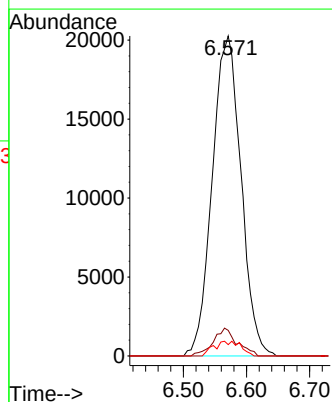
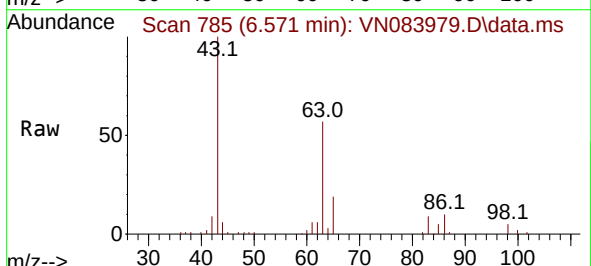
Instrument :
 MSVOA_N
 ClientSampleId :

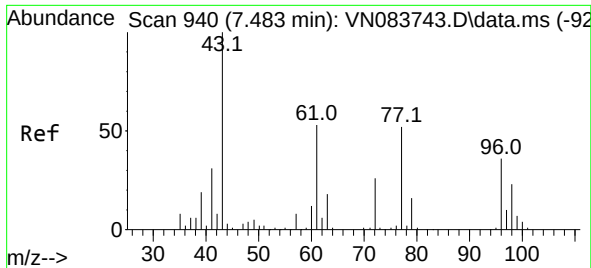
Tgt Ion: 43 Resp: 446810
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 20.011 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51

Tgt Ion: 63 Resp: 64108
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 3.6 2.5 7.5

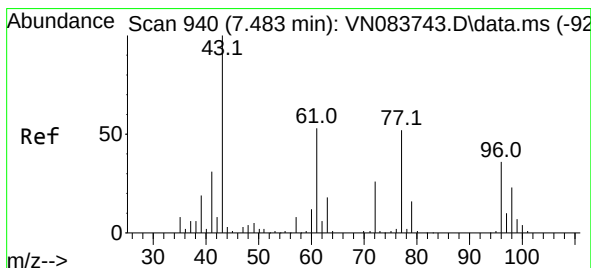
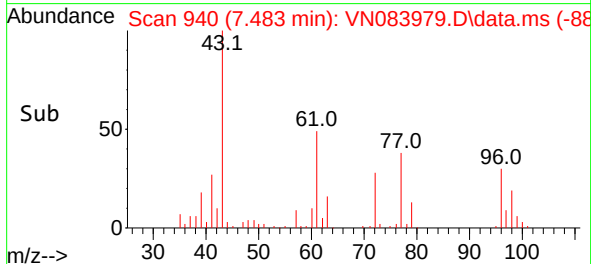
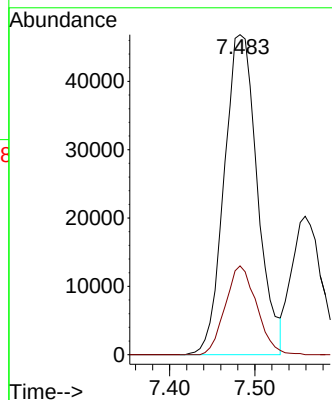
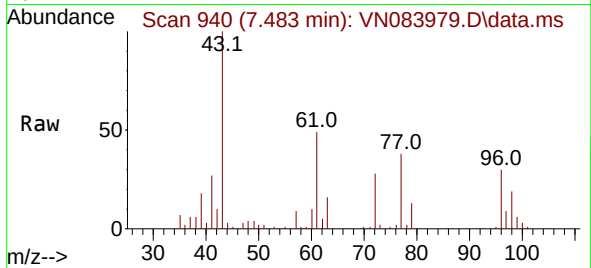




#25
2-Butanone
Concen: 114.023 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

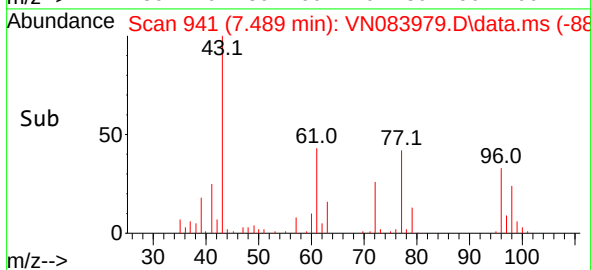
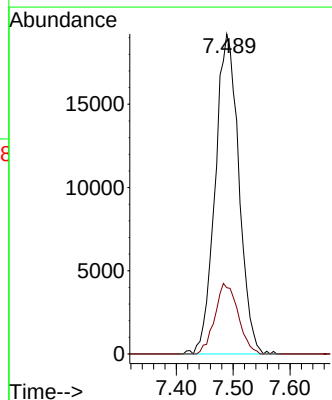
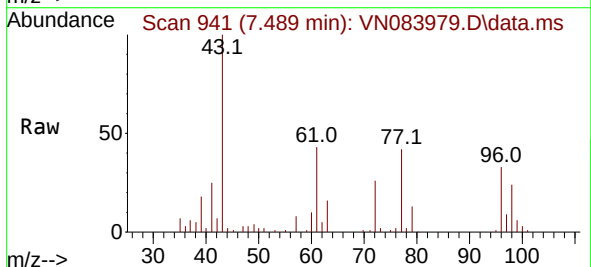
Instrument :
MSVOA_N
ClientSampleId :

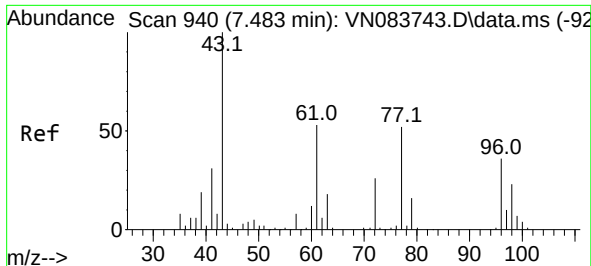
Tgt Ion: 43 Resp: 126973
Ion Ratio Lower Upper
43 100
72 27.8 20.8 31.2



#26
2,2-Dichloropropane
Concen: 18.833 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

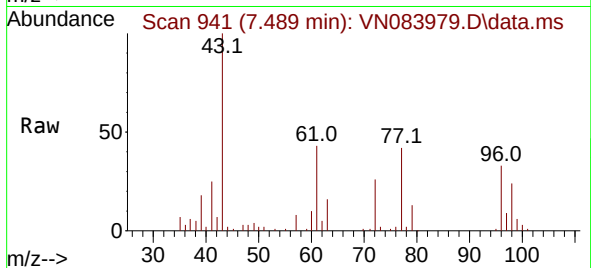
Tgt Ion: 77 Resp: 55564
Ion Ratio Lower Upper
77 100
97 21.7 10.2 30.4





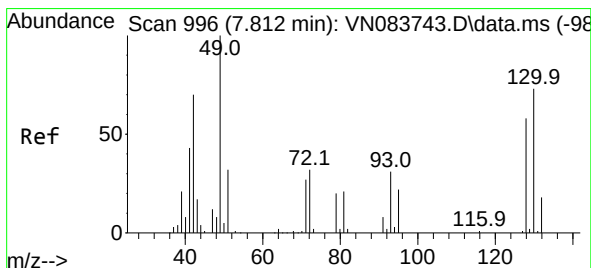
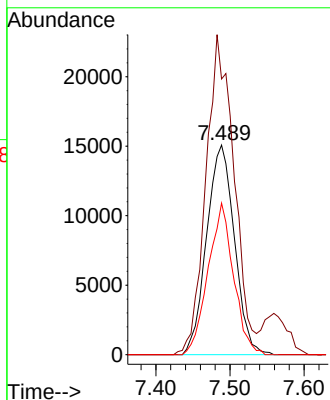
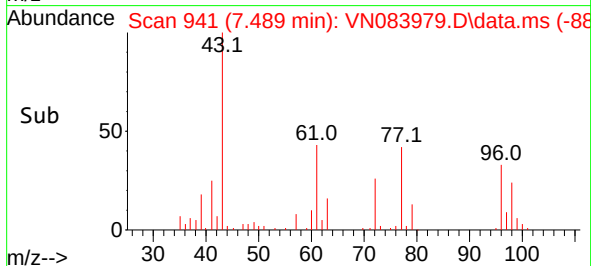
#27
 cis-1,2-Dichloroethene
 Concen: 20.437 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51

Instrument :
 MSVOA_N
 ClientSampleId :

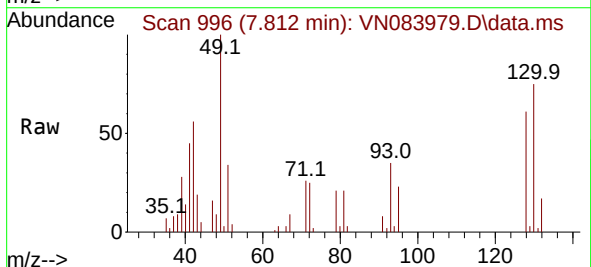


Tgt Ion: 96 Resp: 39417

Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	306.2
98	66.1	0.0	128.6

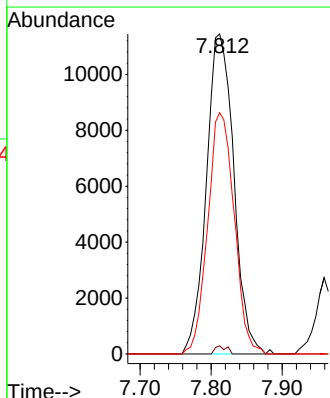
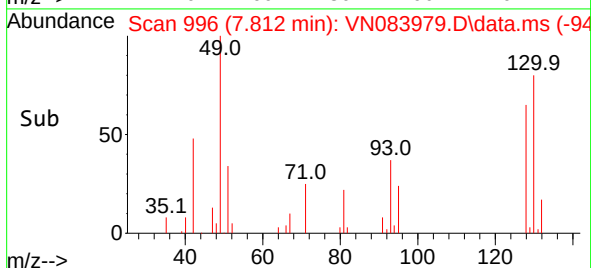


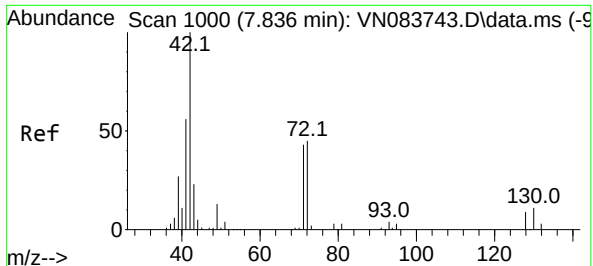
#28
 Bromochloromethane
 Concen: 22.756 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51



Tgt Ion: 49 Resp: 30702

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.4
130	72.7	60.2	90.2





#29

Tetrahydrofuran

Concen: 120.868 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083979.D

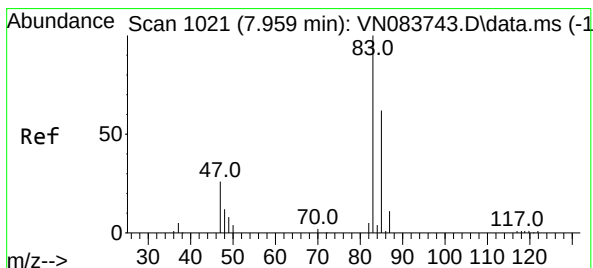
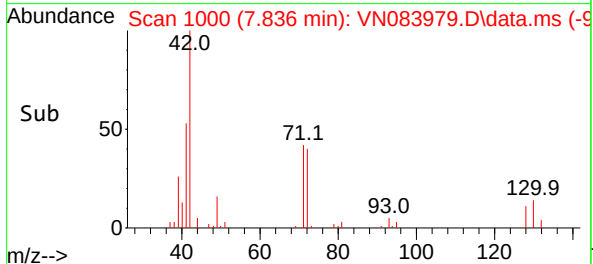
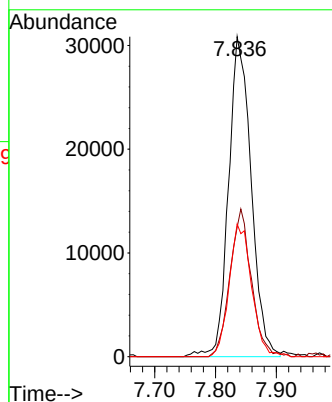
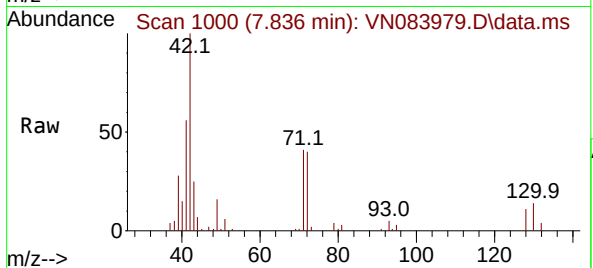
Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	79585
Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.9	53.9
71	41.2	33.9	50.9



#30

Chloroform

Concen: 20.546 ug/l

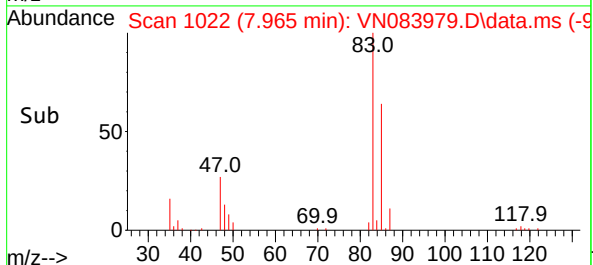
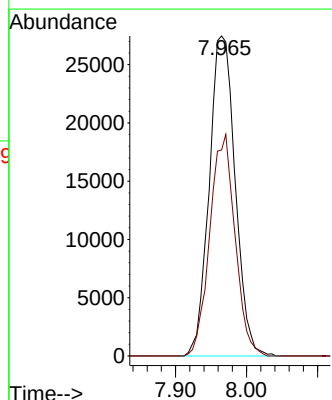
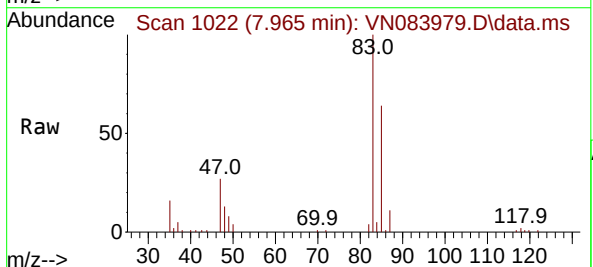
RT: 7.965 min Scan# 1022

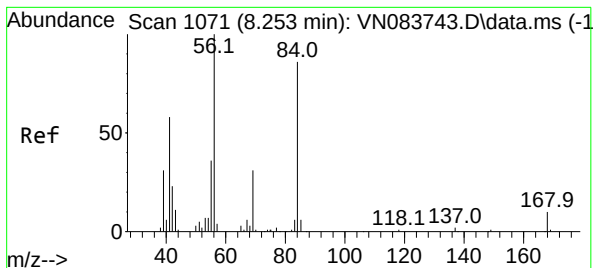
Delta R.T. 0.006 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Tgt Ion:	83	Resp:	69881
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.8	79.2





#31

Cyclohexane

Concen: 17.557 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

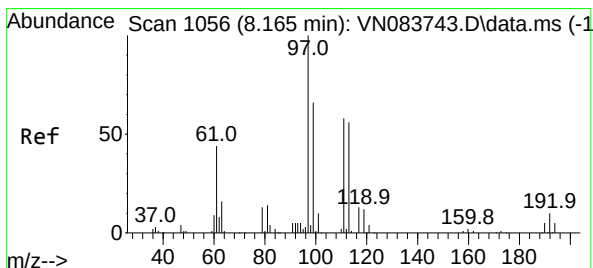
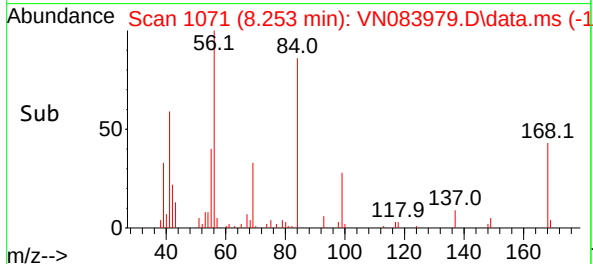
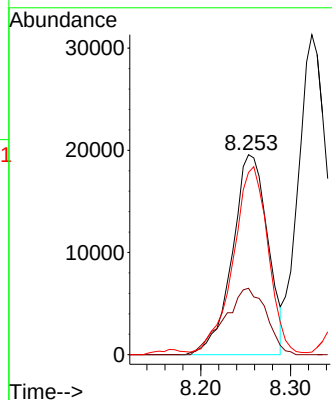
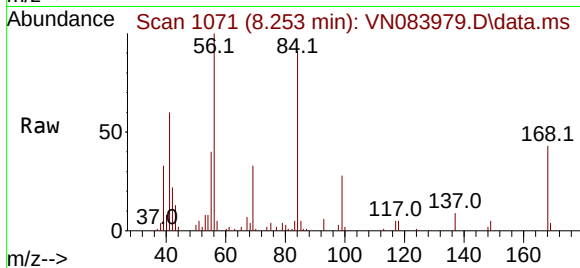
Tgt Ion: 56 Resp: 53629

Ion Ratio Lower Upper

56 100

69 33.2 26.9 40.3

84 89.4 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 20.467 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

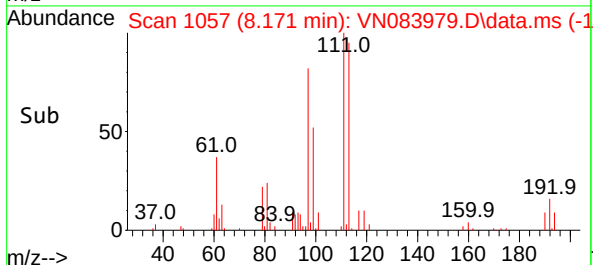
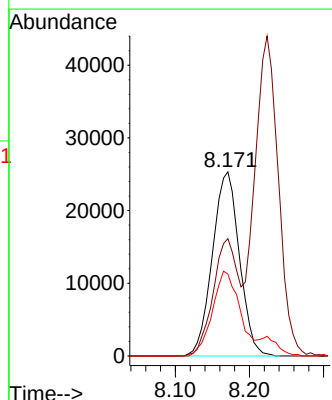
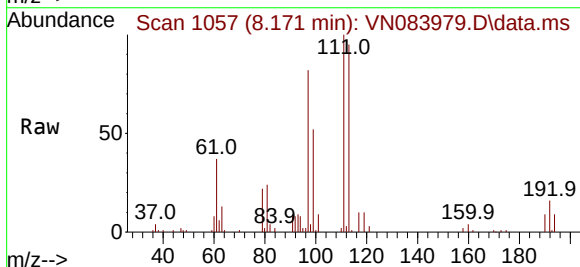
Tgt Ion: 97 Resp: 64010

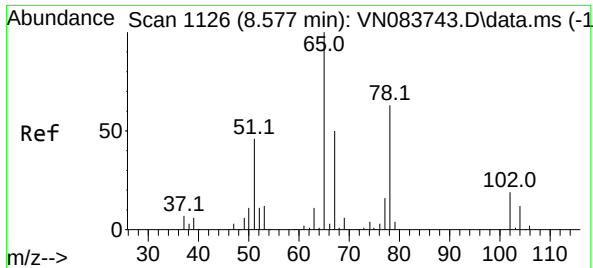
Ion Ratio Lower Upper

97 100

99 58.3 52.3 78.5

61 47.6 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 49.557 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

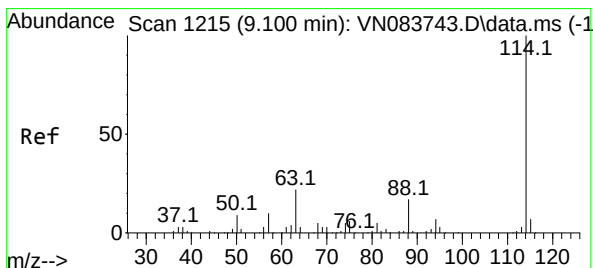
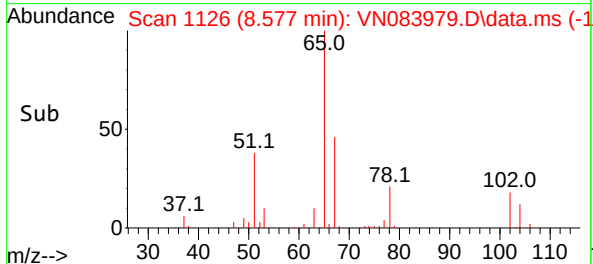
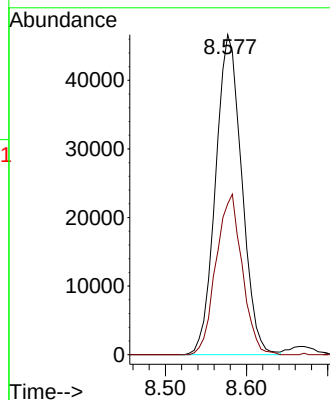
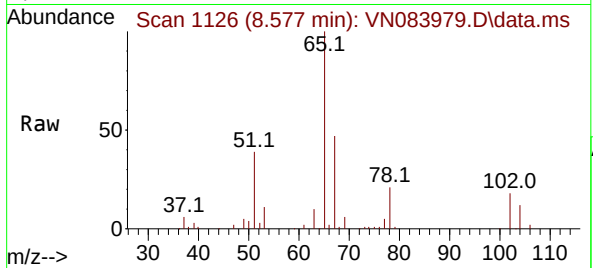
ClientSampleId :

Tgt Ion: 65 Resp: 104738

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

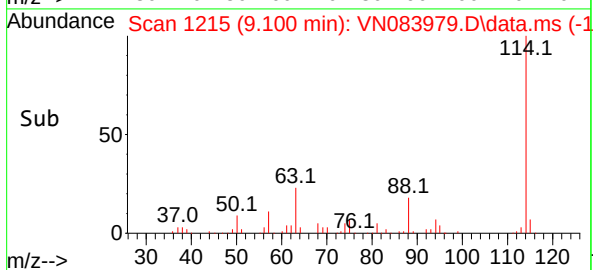
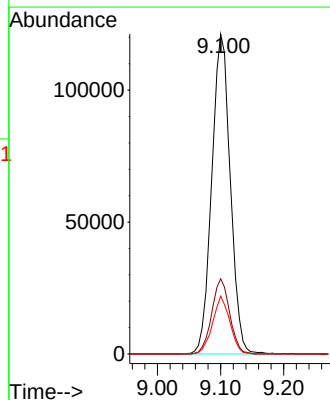
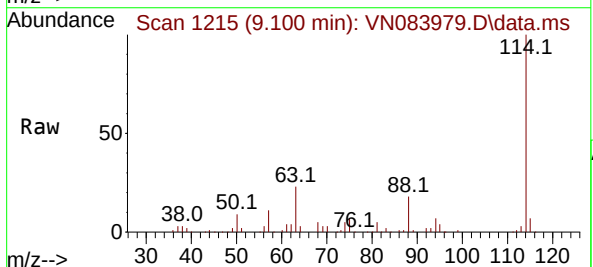
Tgt Ion: 114 Resp: 246975

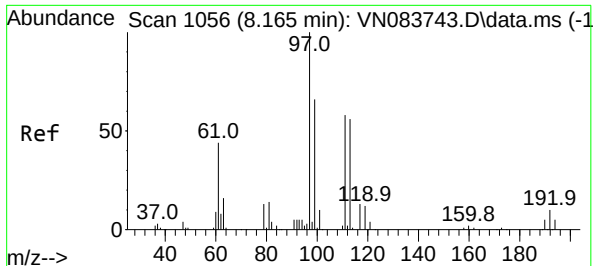
Ion Ratio Lower Upper

114 100

63 23.5 0.0 43.4

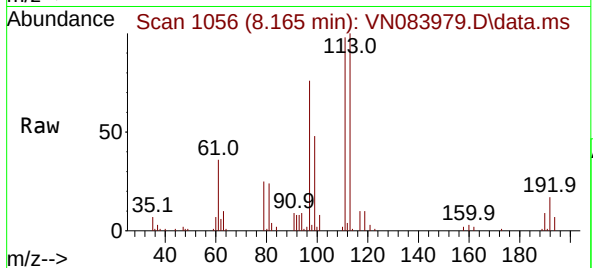
88 18.1 0.0 32.6



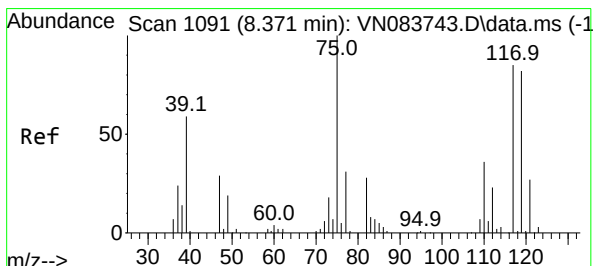
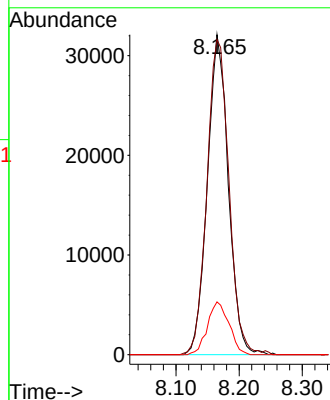
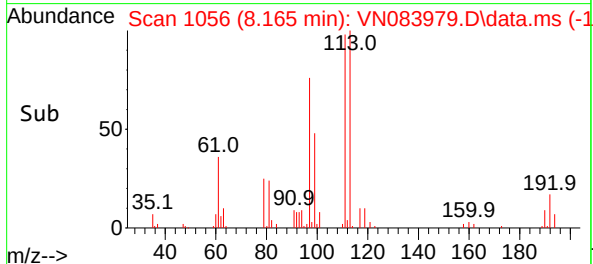


#35
Dibromofluoromethane
Concen: 46.917 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

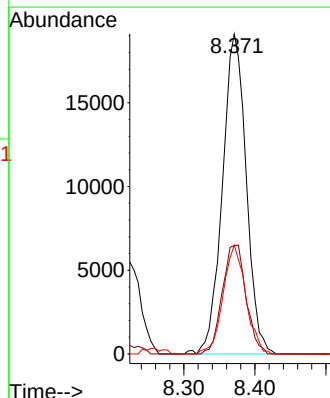
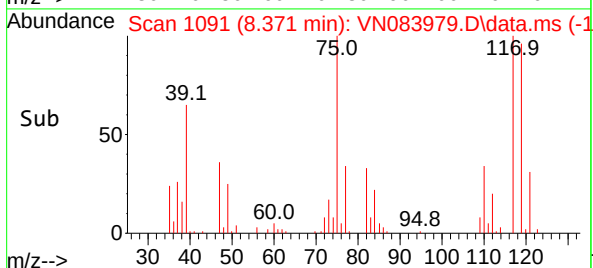
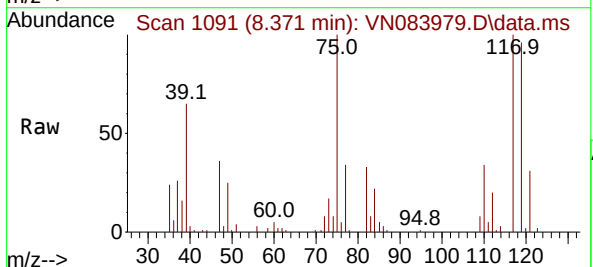


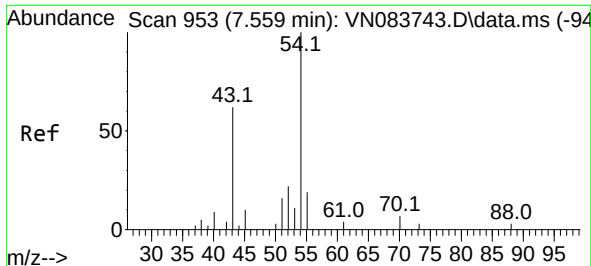
Tgt Ion:113 Resp: 74180
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 17.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 18.668 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

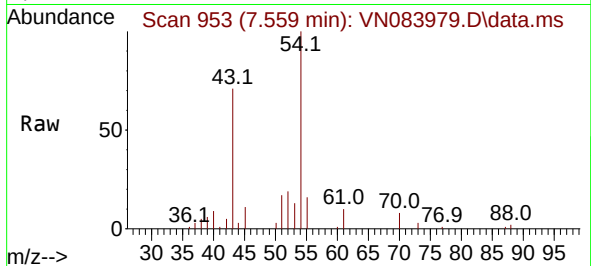
Tgt Ion: 75 Resp: 44426
Ion Ratio Lower Upper
75 100
110 33.9 16.7 50.1
77 32.4 25.2 37.8



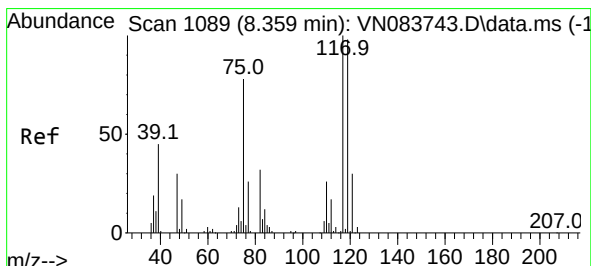
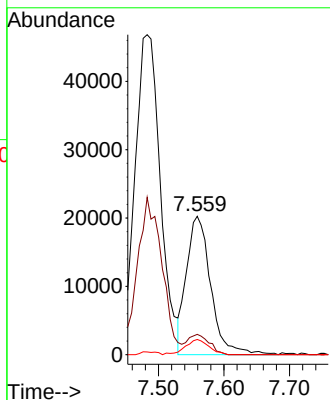
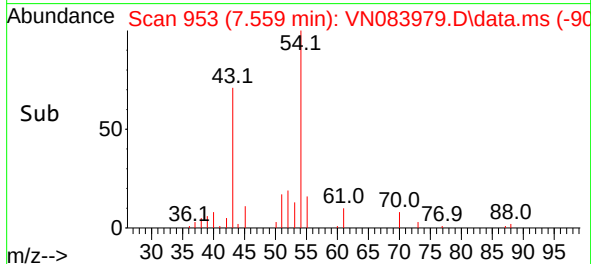


#37
Ethyl Acetate
Concen: 24.147 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

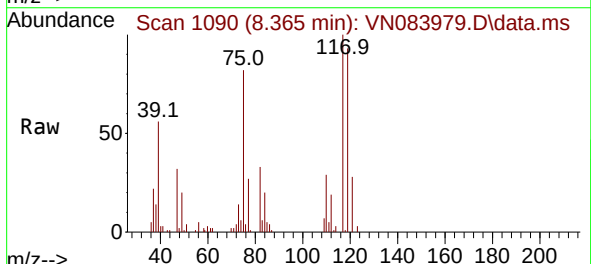
Instrument :
MSVOA_N
ClientSampleId :



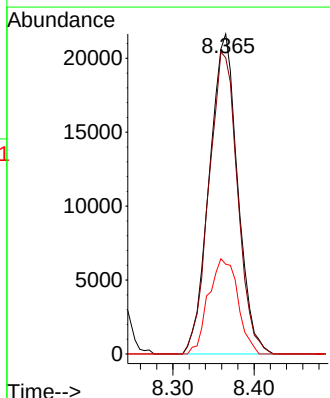
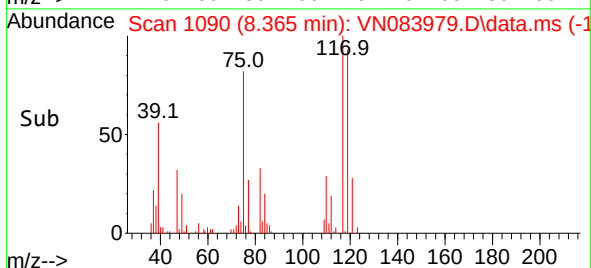
Tgt Ion: 43 Resp: 52161
Ion Ratio Lower Upper
43 100
61 13.1 11.1 16.7
70 10.5 8.8 13.2

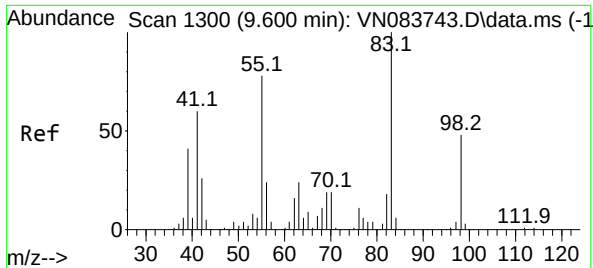


#38
Carbon Tetrachloride
Concen: 19.395 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51



Tgt Ion: 117 Resp: 52364
Ion Ratio Lower Upper
117 100
119 92.5 76.1 114.1
121 28.1 24.1 36.1

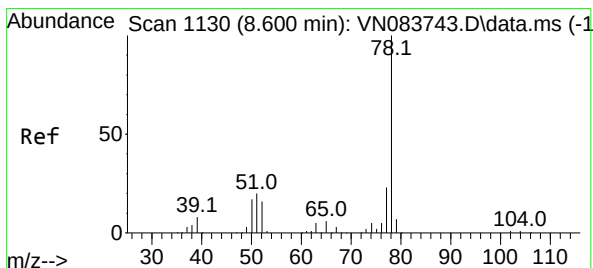
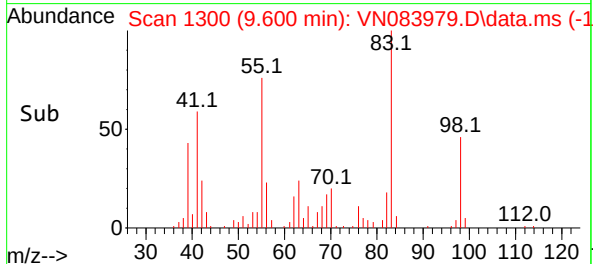
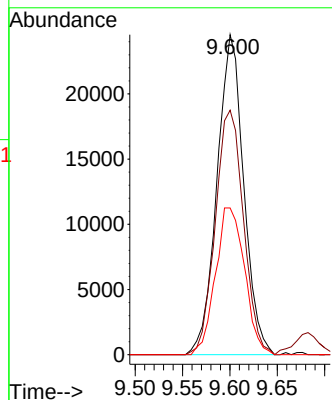
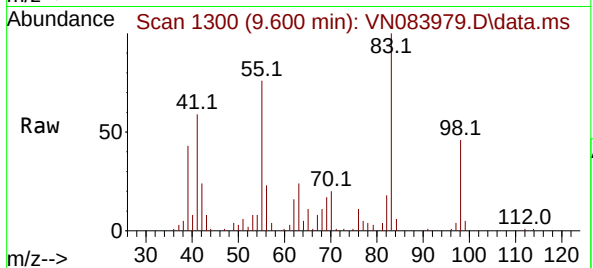




#39
Methylcyclohexane
Concen: 17.792 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

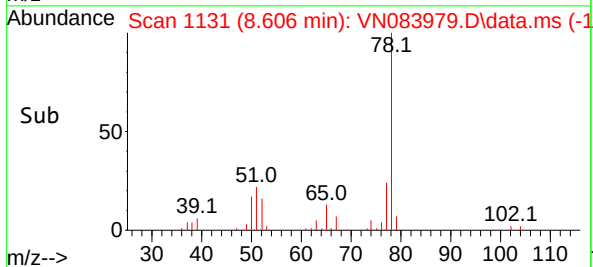
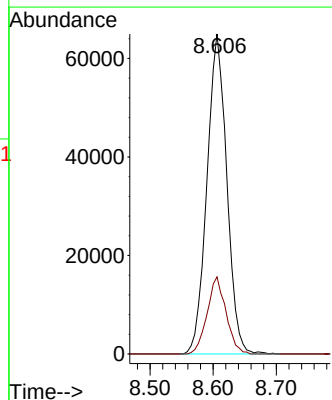
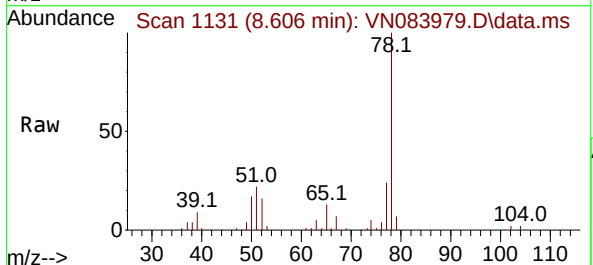
Instrument :
MSVOA_N
ClientSampleId :

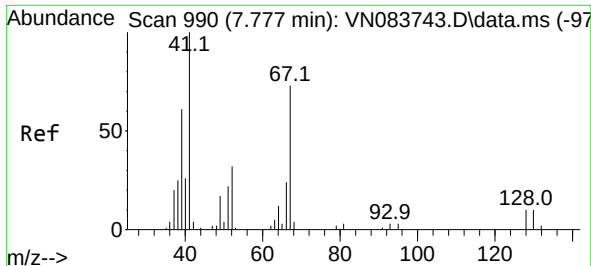
Tgt Ion: 83 Resp: 48196
Ion Ratio Lower Upper
83 100
55 76.4 62.2 93.4
98 45.8 37.6 56.4



#40
Benzene
Concen: 19.805 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

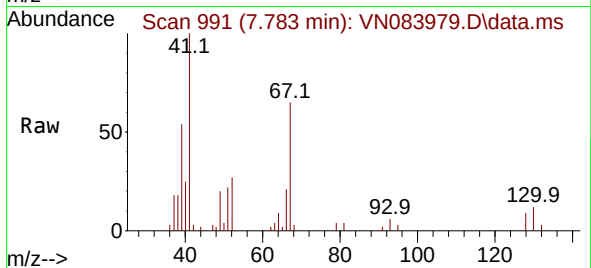
Tgt Ion: 78 Resp: 141861
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



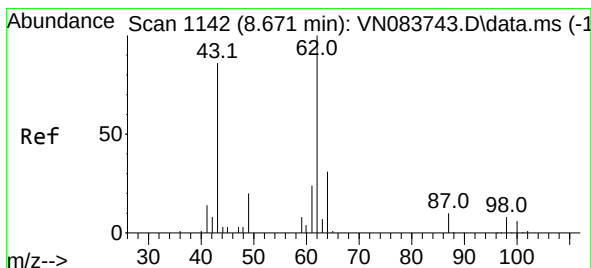
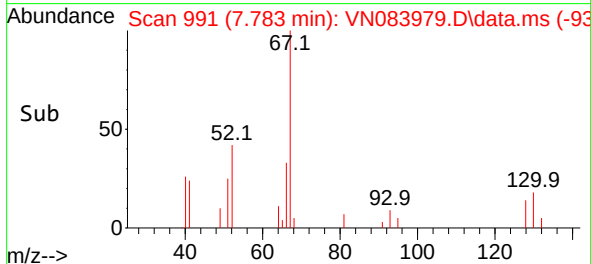
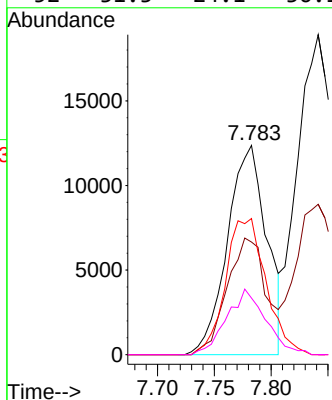


#41
Methacrylonitrile
Concen: 23.284 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

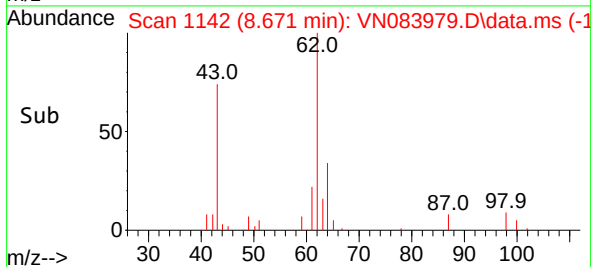
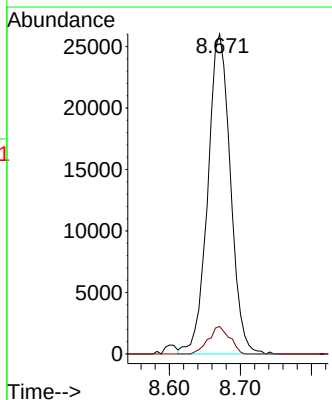
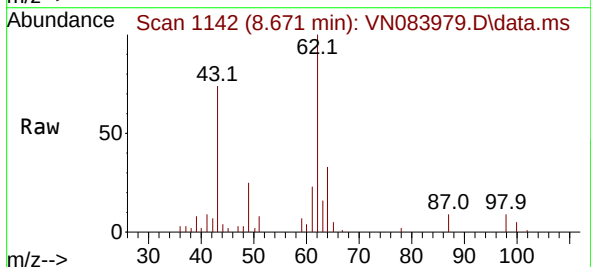


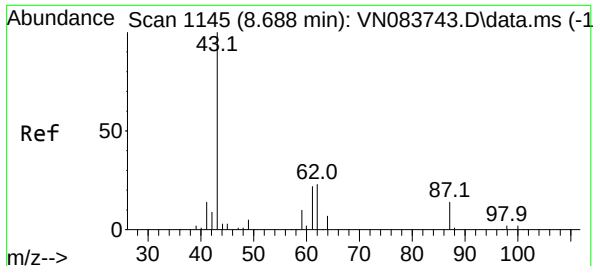
Tgt Ion:	41	Resp:	29748
Ion Ratio	100	Lower	Upper
39	55.8	45.4	68.2
67	67.1	55.9	83.9
52	31.3	24.1	36.1



#42
1,2-Dichloroethane
Concen: 21.517 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion:	62	Resp:	57591
Ion Ratio	100	Lower	Upper
98	8.0	0.0	16.6

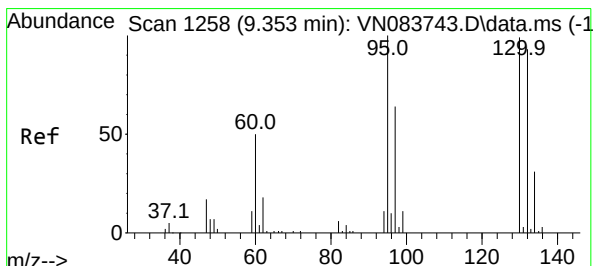
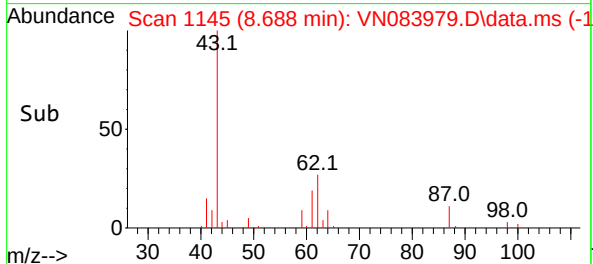
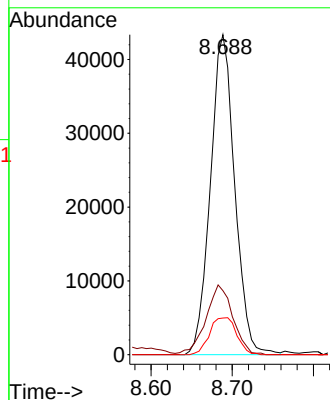
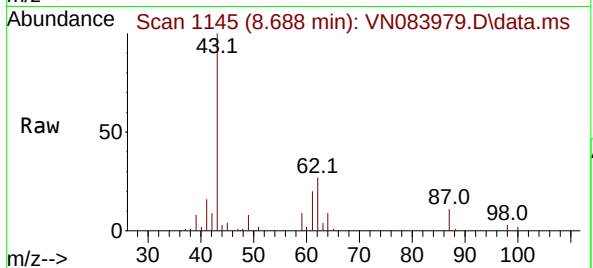




#43
Isopropyl Acetate
Concen: 23.111 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

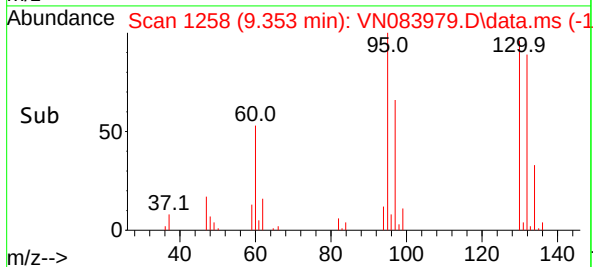
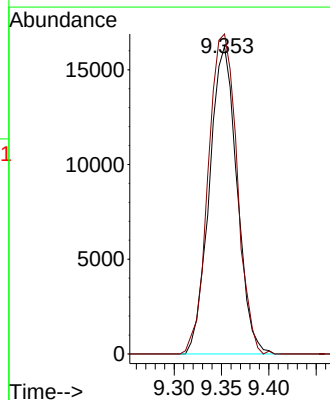
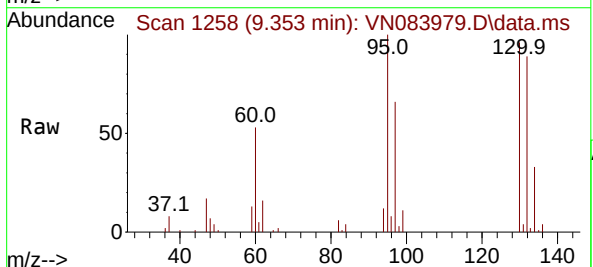
Instrument :
MSVOA_N
ClientSampleId :

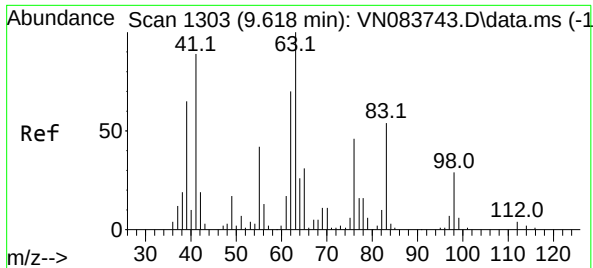
Tgt Ion: 43 Resp: 90469
Ion Ratio Lower Upper
43 100
61 24.1 19.4 29.0
87 12.8 9.8 14.6



#44
Trichloroethene
Concen: 19.828 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion:130 Resp: 32890
Ion Ratio Lower Upper
130 100
95 104.1 0.0 200.4

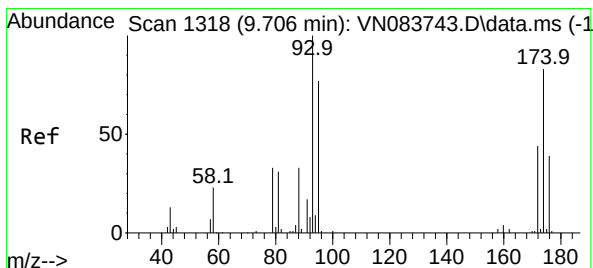
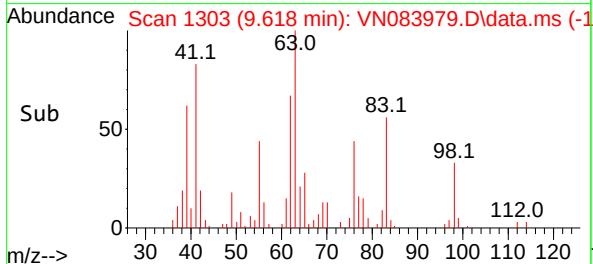
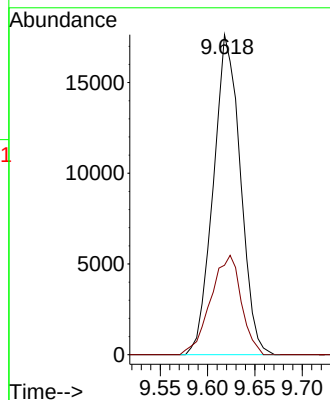
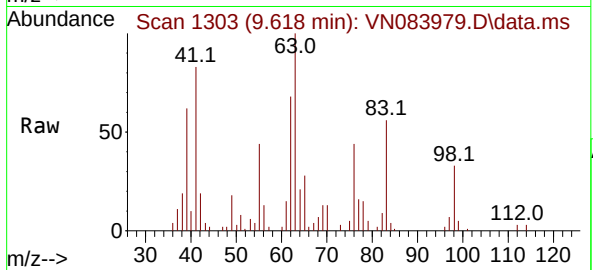




#45
1,2-Dichloropropane
Concen: 20.238 ug/l
RT: 9.618 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

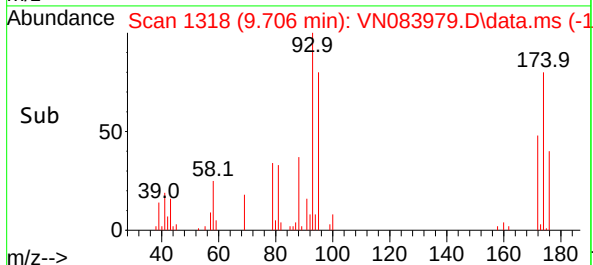
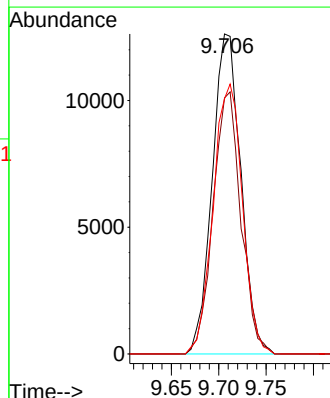
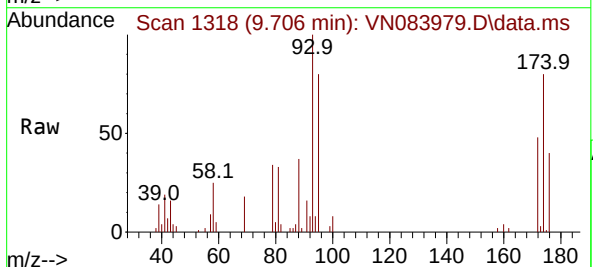
Instrument :
MSVOA_N
ClientSampleId :

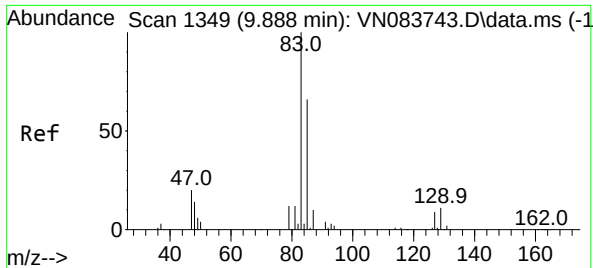
Tgt Ion: 63 Resp: 35036
Ion Ratio Lower Upper
63 100
65 27.9 25.9 38.9



#46
Dibromomethane
Concen: 21.847 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 93 Resp: 26492
Ion Ratio Lower Upper
93 100
95 79.9 65.3 97.9
174 86.3 71.0 106.4

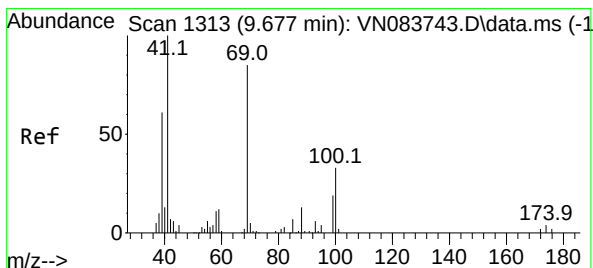
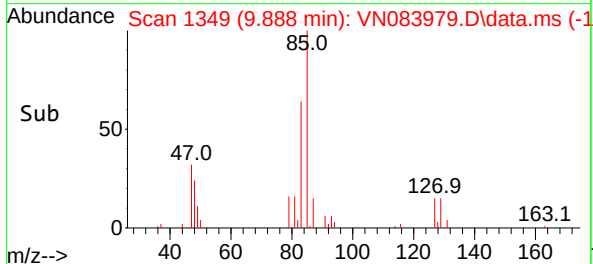
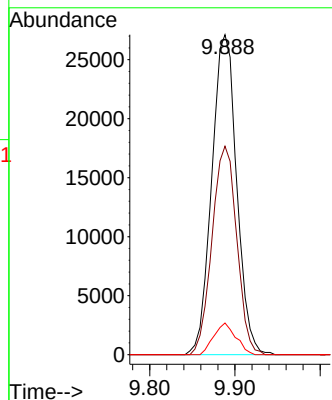
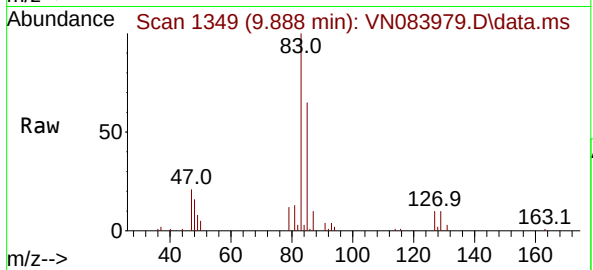




#47
Bromodichloromethane
Concen: 20.971 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

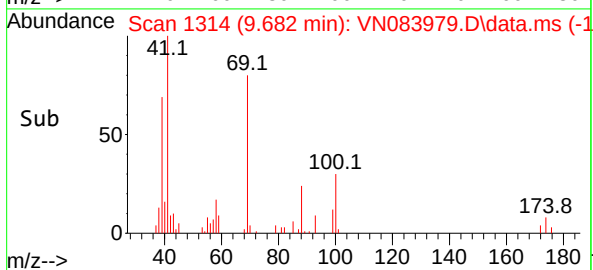
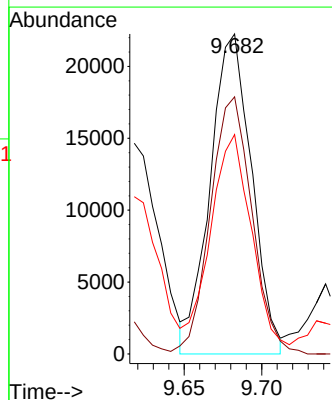
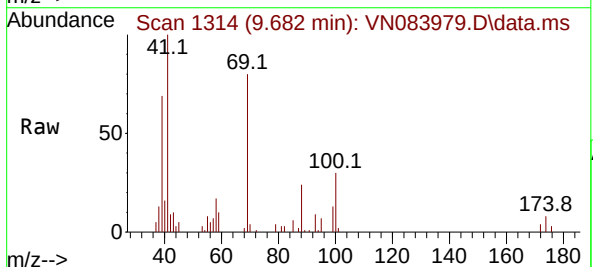
Instrument :
MSVOA_N
ClientSampleId :

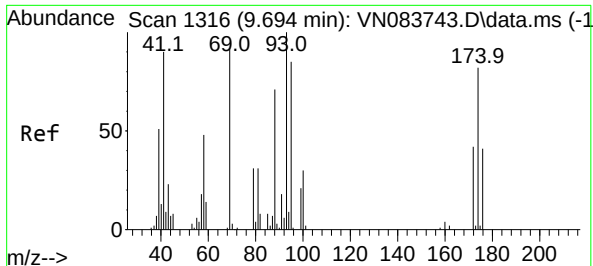
Tgt Ion: 83 Resp: 55034
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8
127 9.9 6.6 9.8#



#48
Methyl methacrylate
Concen: 22.281 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 41 Resp: 41379
Ion Ratio Lower Upper
41 100
69 80.6 64.3 96.5
39 69.3 48.9 73.3





#49

1,4-Dioxane

Concen: 521.870 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

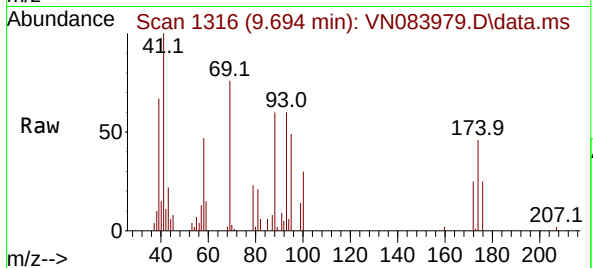
Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :



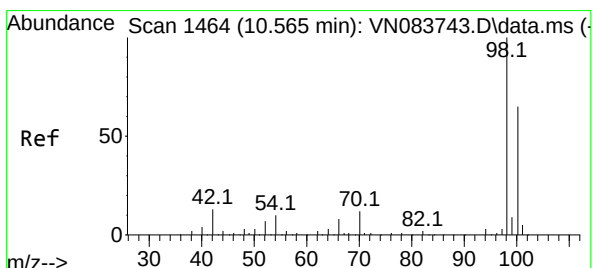
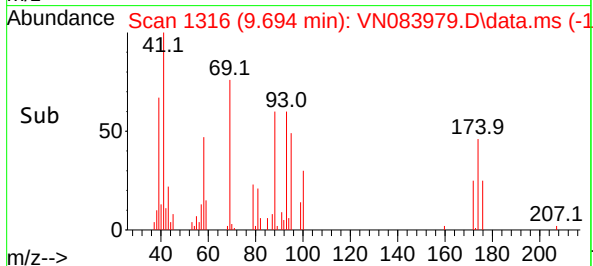
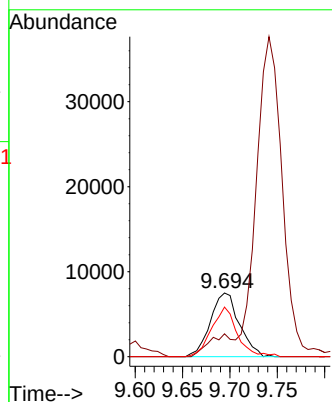
Tgt Ion: 88 Resp: 15944

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0#

58 69.2 57.1 85.7



#50

Toluene-d8

Concen: 47.886 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083979.D

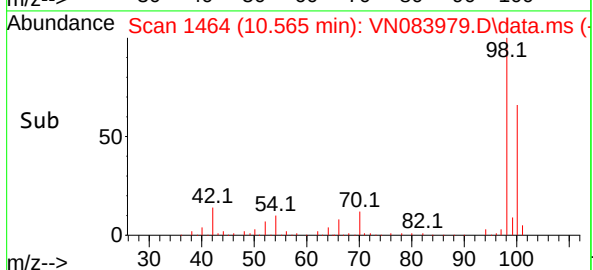
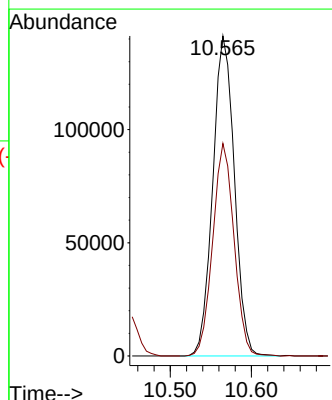
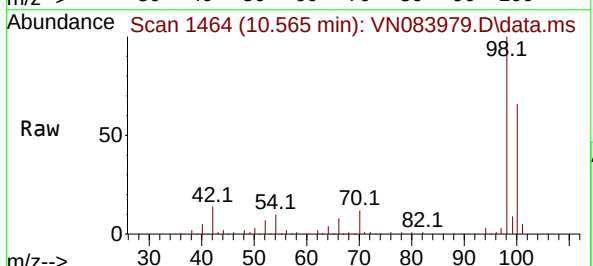
Acq: 18 Sep 2024 13:51

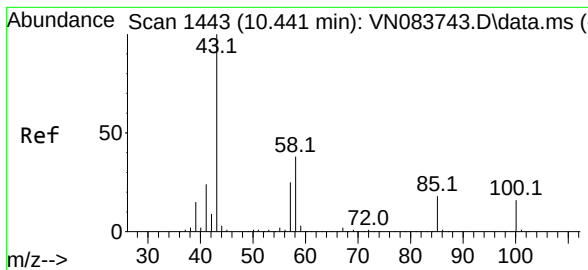
Tgt Ion: 98 Resp: 261744

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

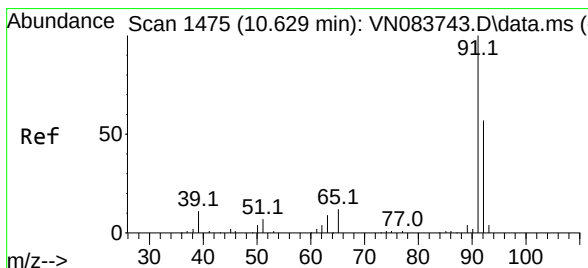
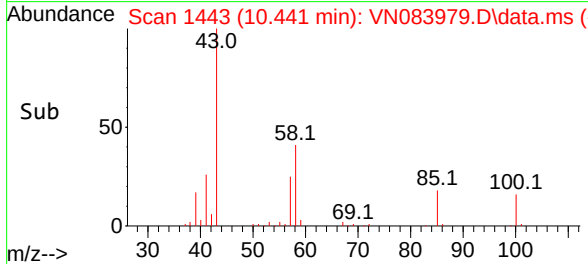
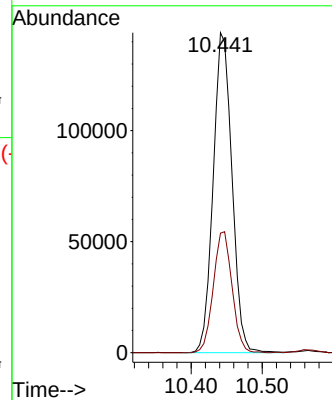
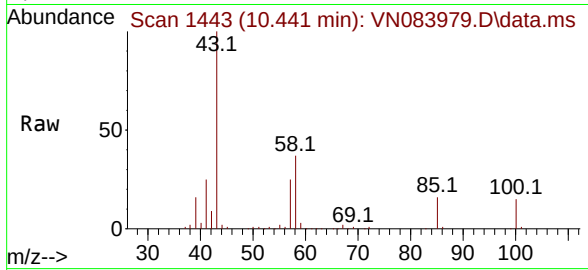




#51
4-Methyl-2-Pentanone
Concen: 124.413 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

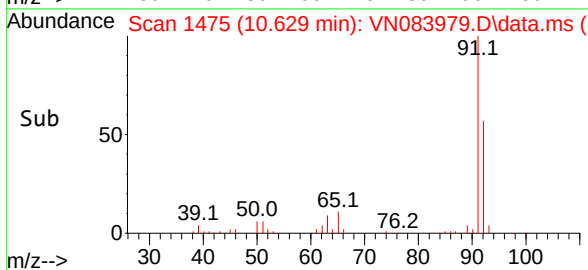
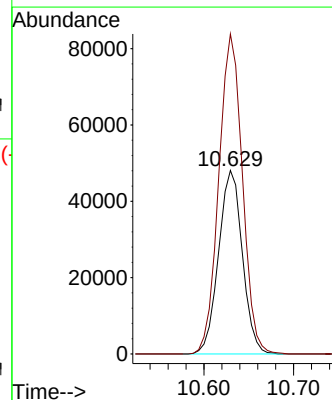
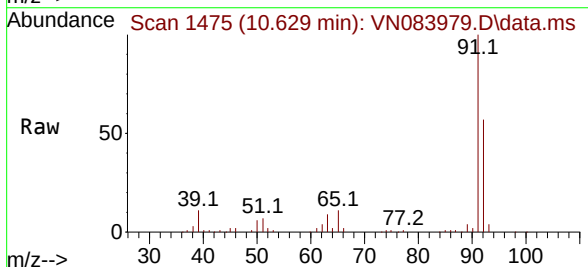
Instrument :
MSVOA_N
ClientSampleId :

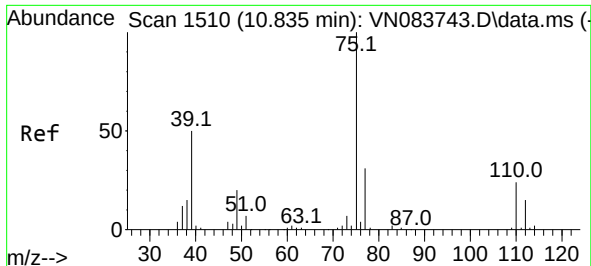
Tgt Ion: 43 Resp: 265104
Ion Ratio Lower Upper
43 100
58 37.6 31.6 47.4



#52
Toluene
Concen: 20.207 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 92 Resp: 88535
Ion Ratio Lower Upper
92 100
91 173.0 134.7 202.1

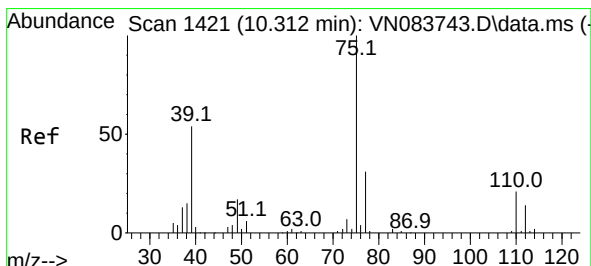
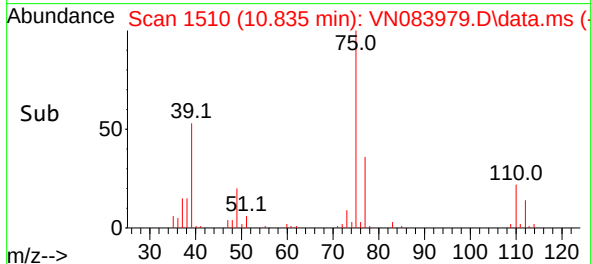
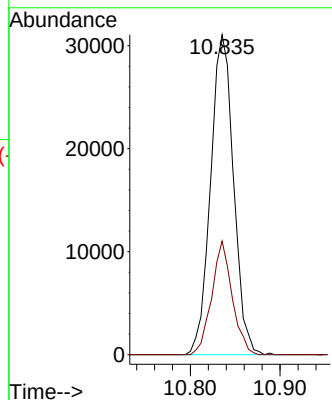
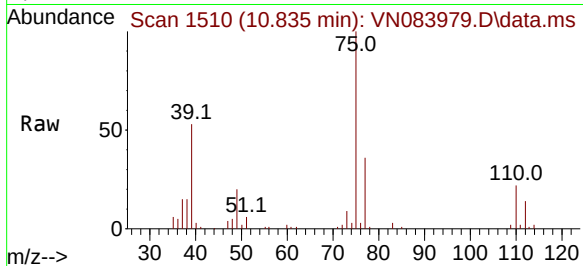




#53
 t-1,3-Dichloropropene
 Concen: 20.740 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51

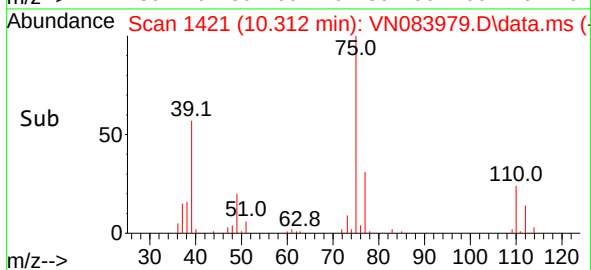
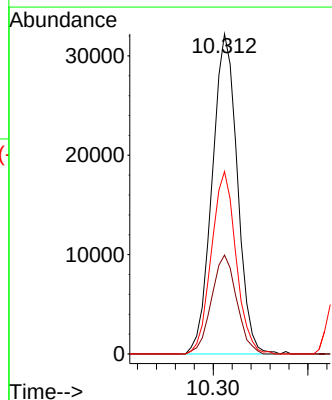
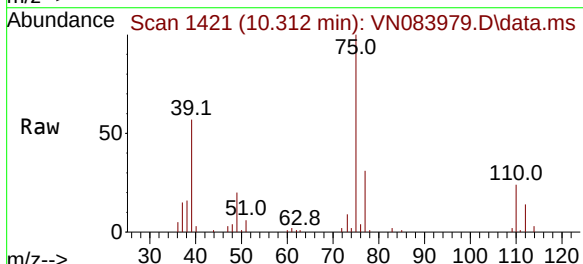
Instrument :
 MSVOA_N
 ClientSampleId :

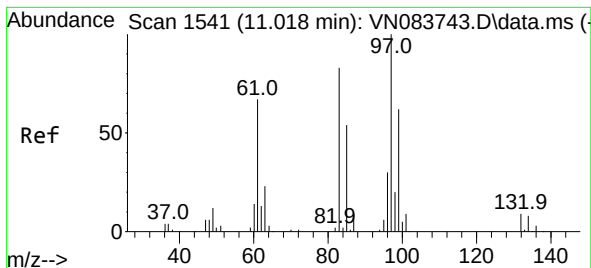
Tgt Ion: 75 Resp: 55171
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.258 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51

Tgt Ion: 75 Resp: 59400
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6
 39 57.0 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 21.313 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 34862

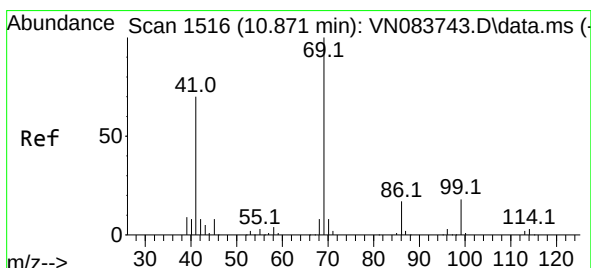
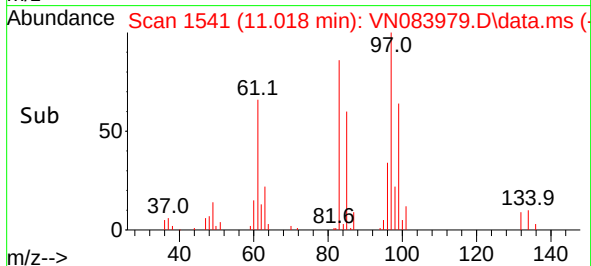
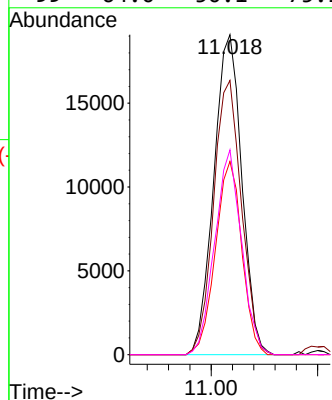
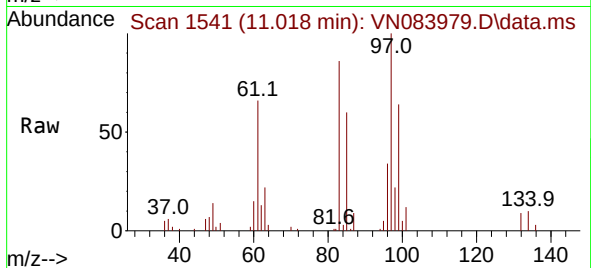
Ion Ratio Lower Upper

97 100

83 85.7 67.5 101.3

85 60.4 44.2 66.2

99 64.0 50.1 75.1



#56

Ethyl methacrylate

Concen: 23.403 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

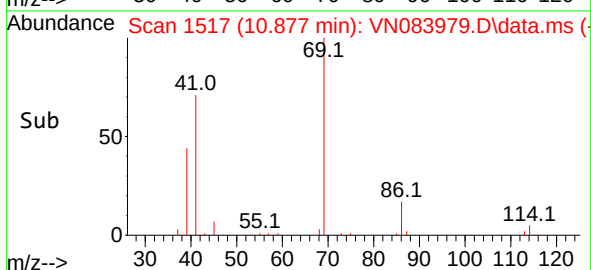
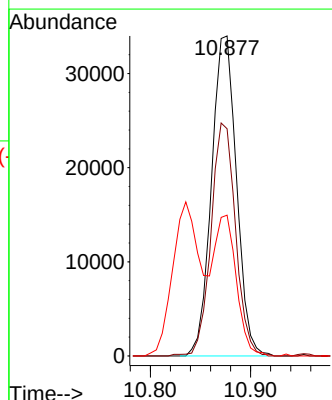
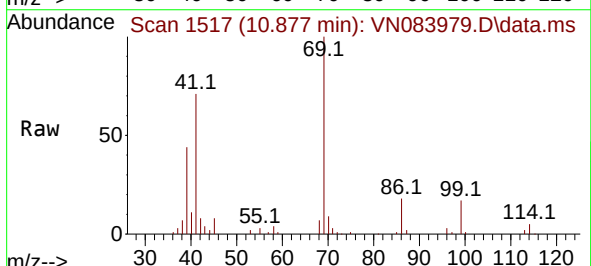
Tgt Ion: 69 Resp: 58894

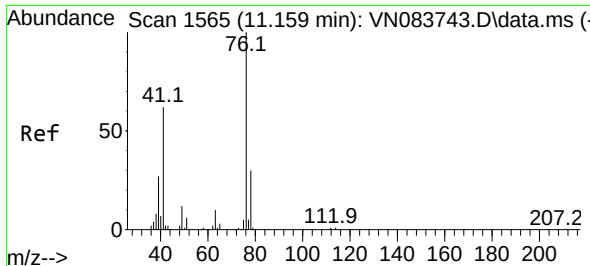
Ion Ratio Lower Upper

69 100

41 71.4 53.9 80.9

39 37.6 32.6 48.8





#57

1,3-Dichloropropane

Concen: 21.695 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

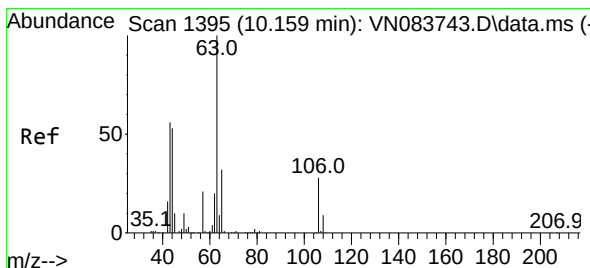
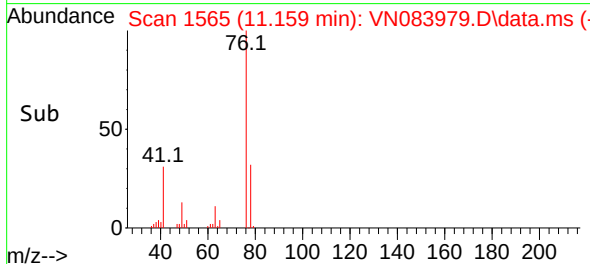
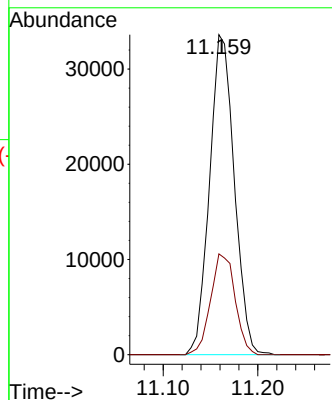
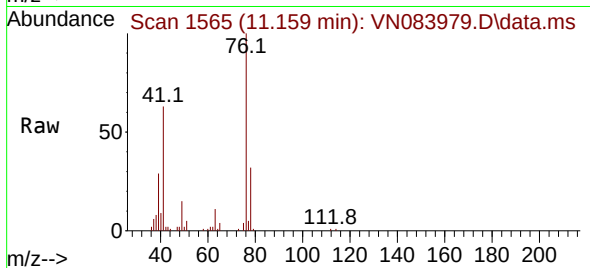
ClientSampleId :

Tgt Ion: 76 Resp: 60988

Ion Ratio Lower Upper

76 100

78 31.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 124.370 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083979.D

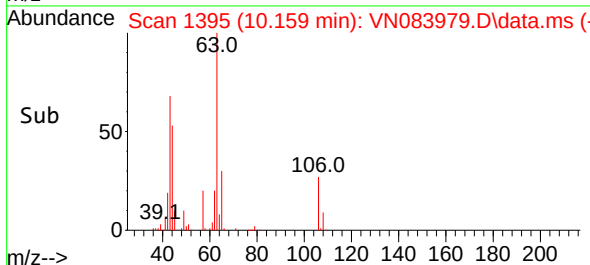
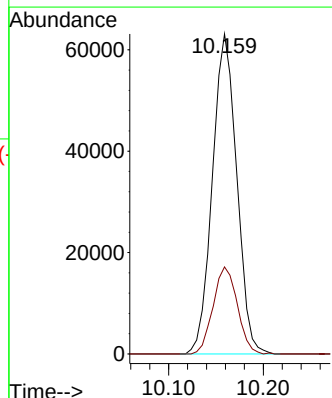
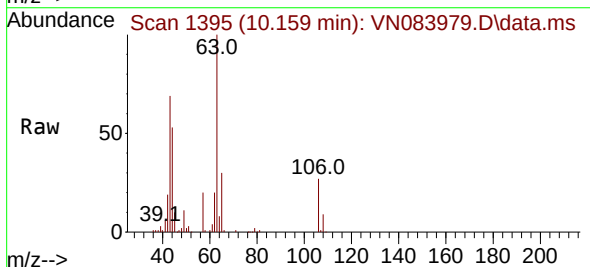
Acq: 18 Sep 2024 13:51

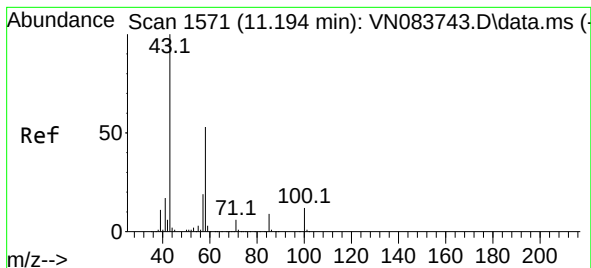
Tgt Ion: 63 Resp: 112775

Ion Ratio Lower Upper

63 100

106 27.1 23.3 34.9

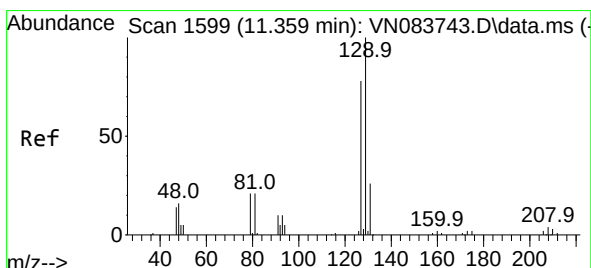
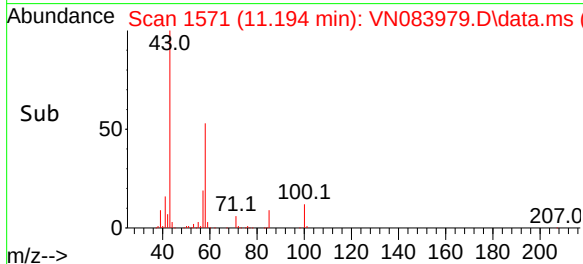
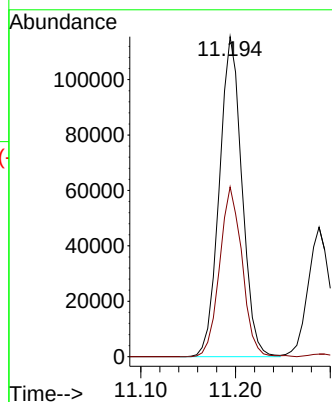
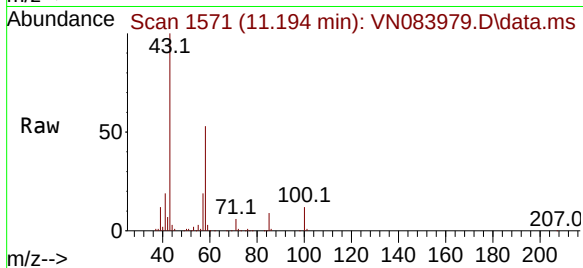




#59
2-Hexanone
Concen: 121.590 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

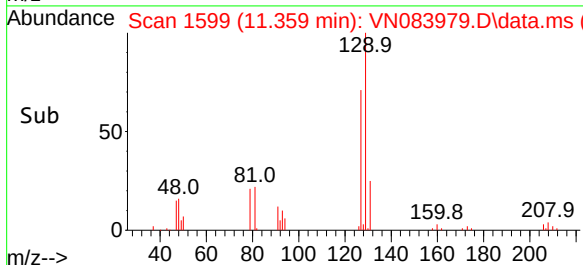
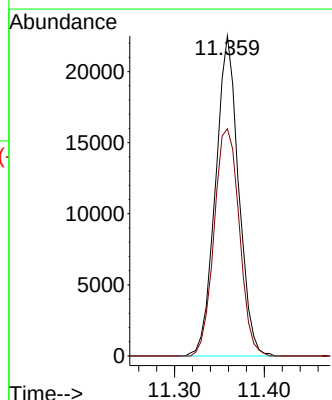
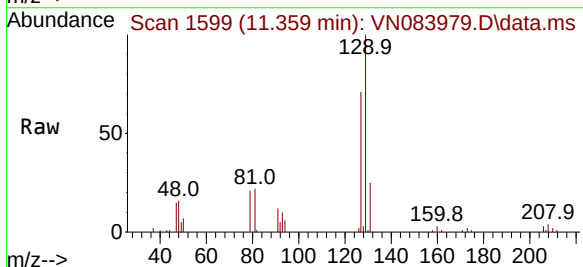
Instrument :
MSVOA_N
ClientSampleId :

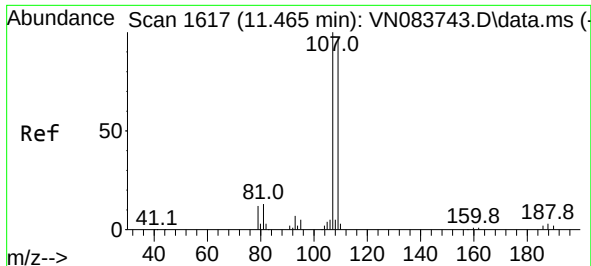
Tgt Ion: 43 Resp: 191655
Ion Ratio Lower Upper
43 100
58 52.7 27.2 81.5



#60
Dibromochloromethane
Concen: 21.934 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion:129 Resp: 40151
Ion Ratio Lower Upper
129 100
127 77.4 39.0 116.9

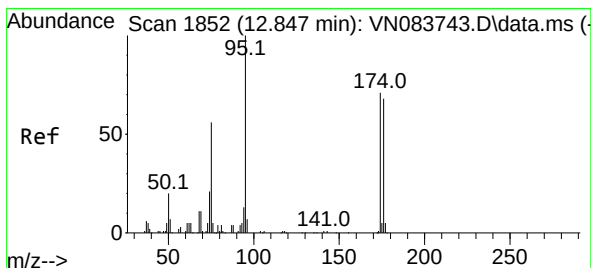
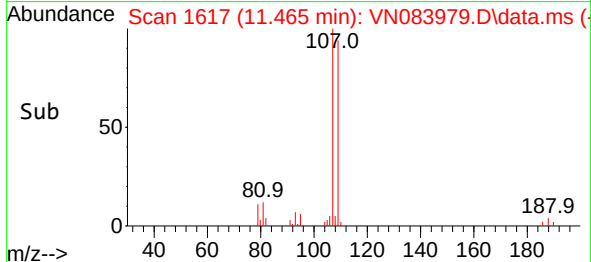
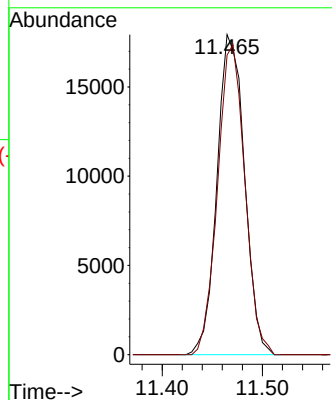
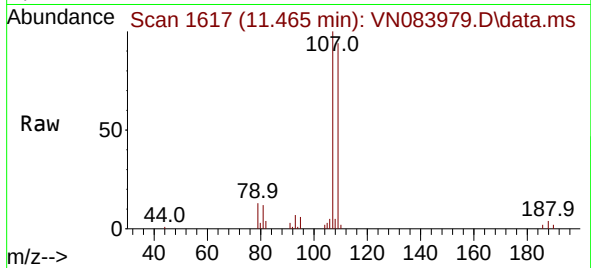




#61
1,2-Dibromoethane
Concen: 20.896 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

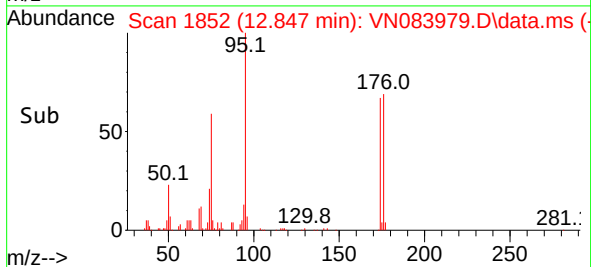
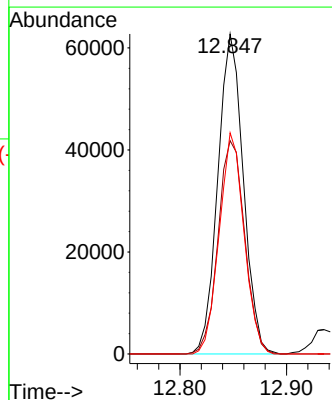
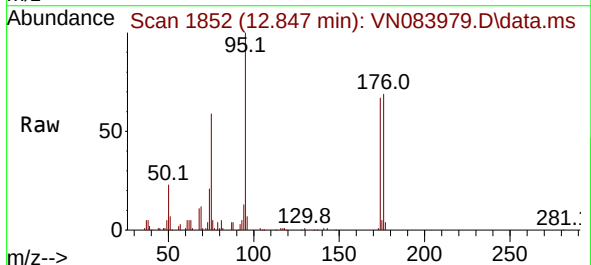
Instrument :
MSVOA_N
ClientSampleId :

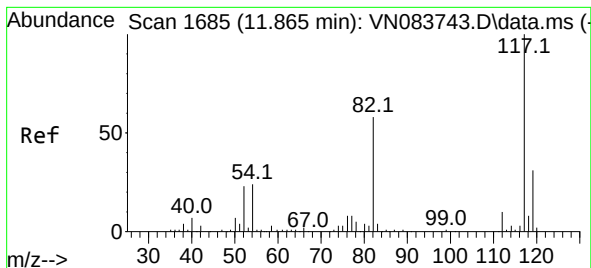
Tgt Ion:107 Resp: 34087
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 95 Resp: 104054
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 67.4 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

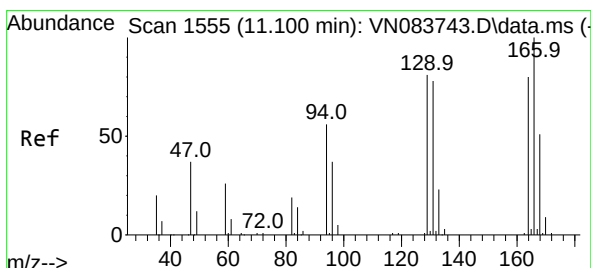
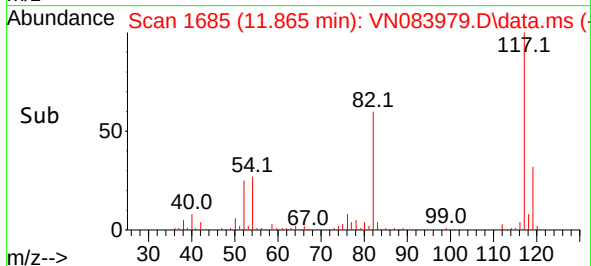
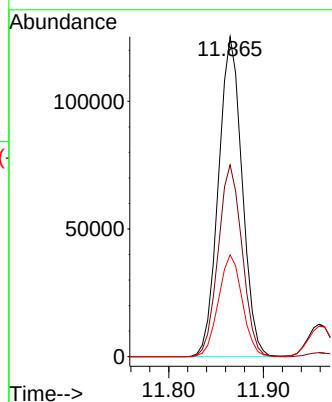
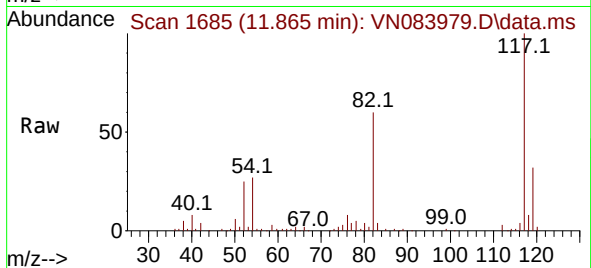
Tgt Ion:117 Resp: 217678

Ion Ratio Lower Upper

117 100

82 60.0 47.4 71.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 19.252 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Tgt Ion:164 Resp: 27870

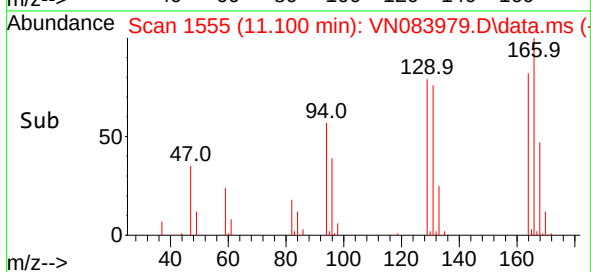
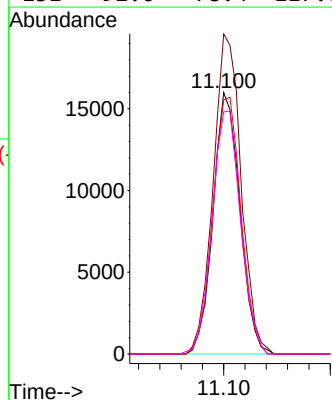
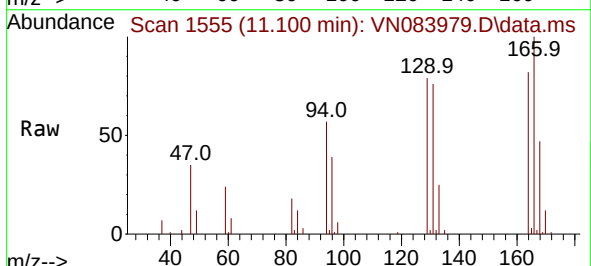
Ion Ratio Lower Upper

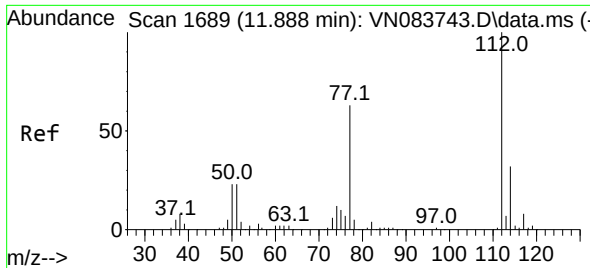
164 100

166 122.4 103.7 155.5

129 97.2 79.9 119.9

131 92.6 78.4 117.6

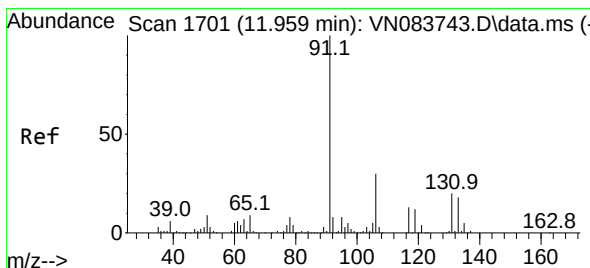
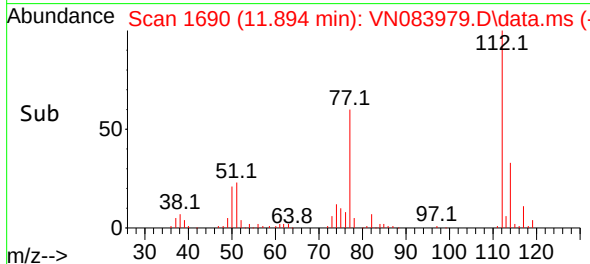
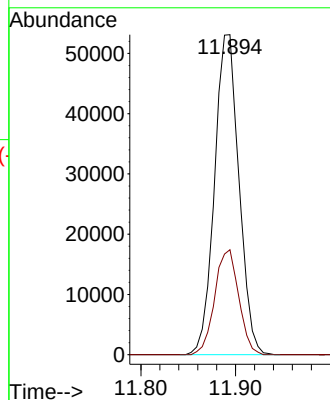
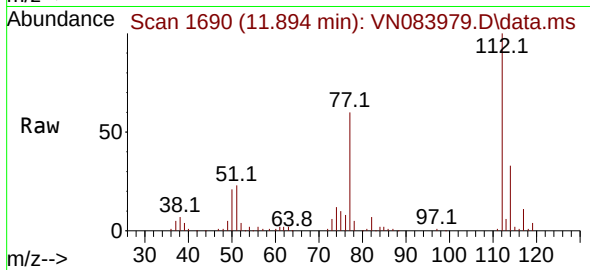




#65
Chlorobenzene
Concen: 19.703 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

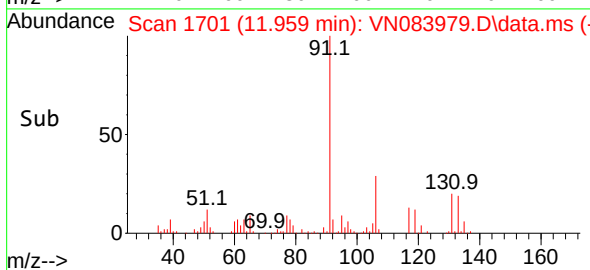
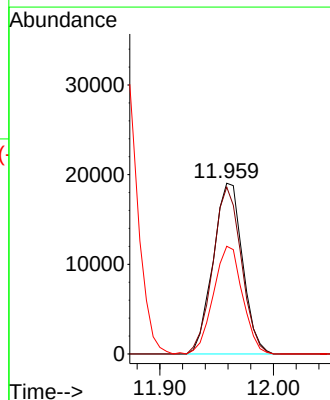
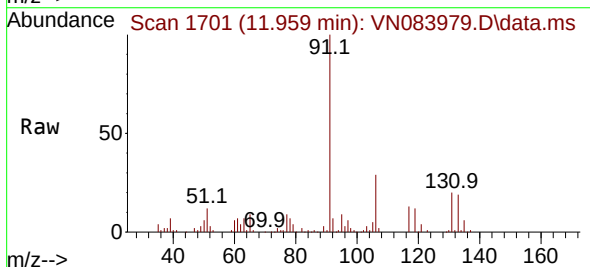
Instrument :
MSVOA_N
ClientSampleId :

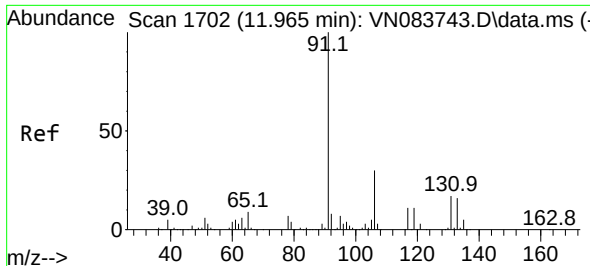
Tgt Ion:112 Resp: 95323
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.475 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion:131 Resp: 34341
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 62.4 31.6 94.8

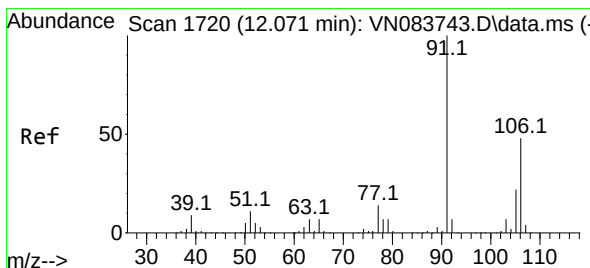
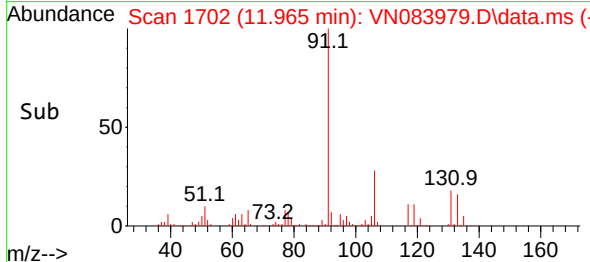
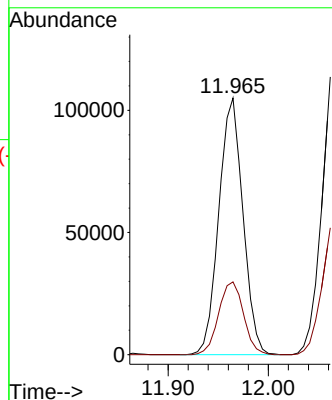
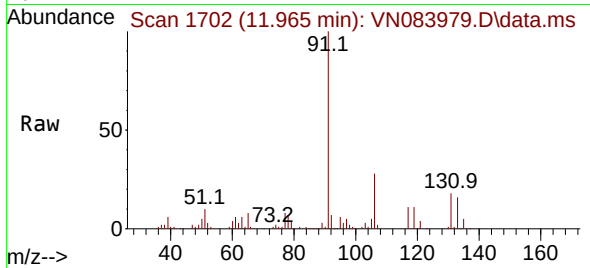




#67
Ethyl Benzene
Concen: 20.412 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

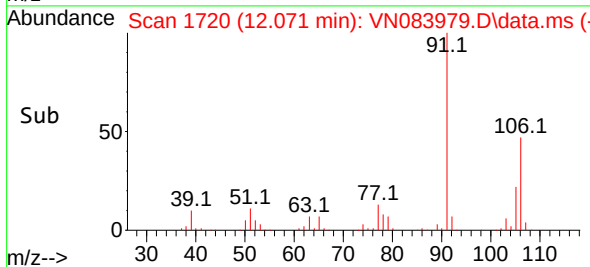
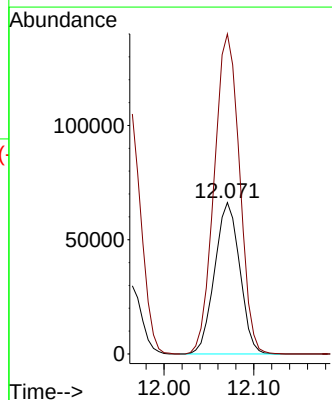
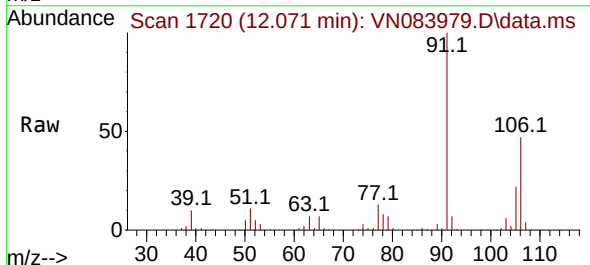
Instrument :
MSVOA_N
ClientSampleId :

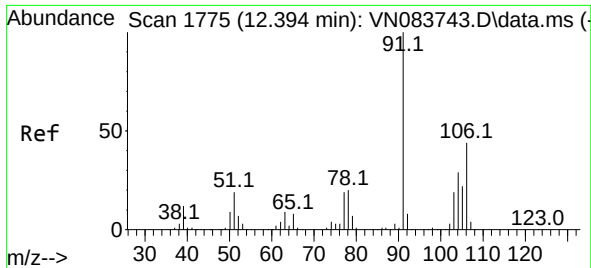
Tgt Ion: 91 Resp: 175425
Ion Ratio Lower Upper
91 100
106 28.4 24.3 36.5



#68
m/p-Xylenes
Concen: 40.349 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion:106 Resp: 128744
Ion Ratio Lower Upper
106 100
91 213.5 169.2 253.8

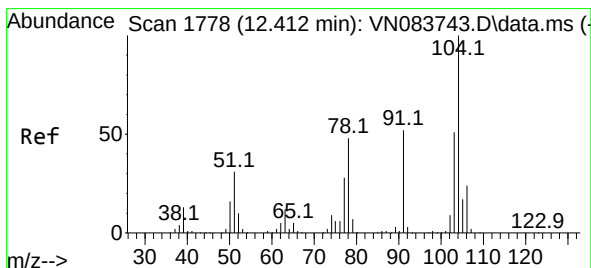
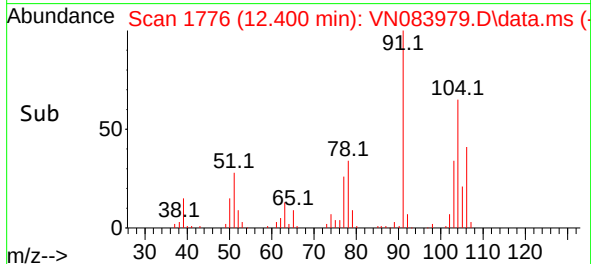
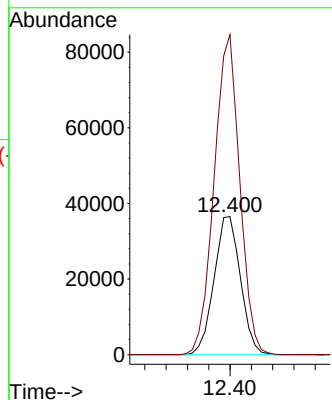
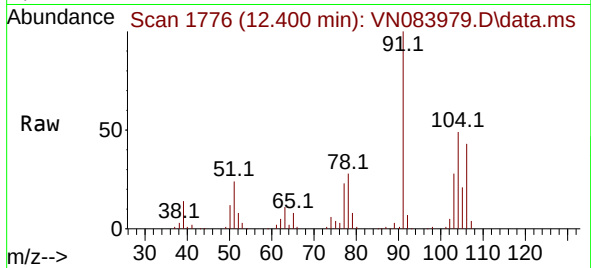




#69
o-Xylene
Concen: 20.310 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

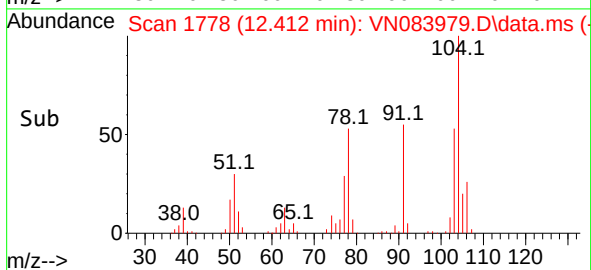
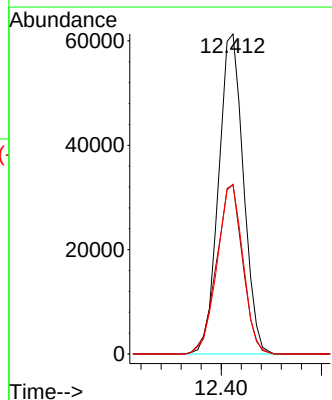
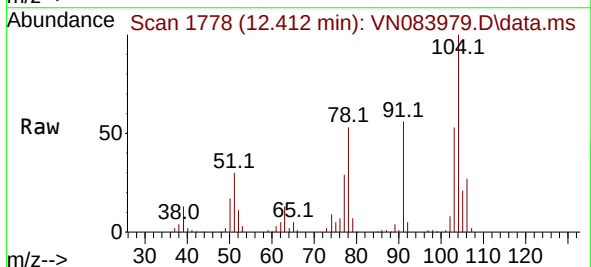
Instrument :
MSVOA_N
ClientSampleId :

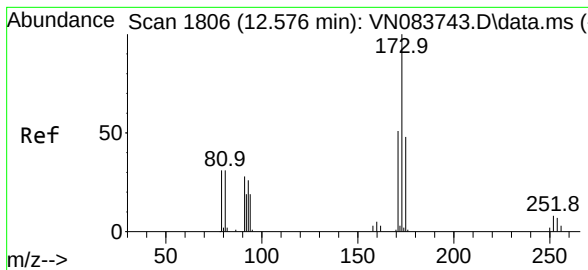
Tgt Ion:106 Resp: 62736
Ion Ratio Lower Upper
106 100
91 225.0 112.9 338.6



#70
Styrene
Concen: 20.770 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion:104 Resp: 105291
Ion Ratio Lower Upper
104 100
78 55.7 43.3 64.9
103 55.2 43.4 65.2

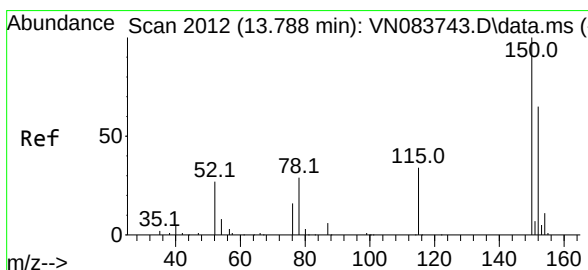
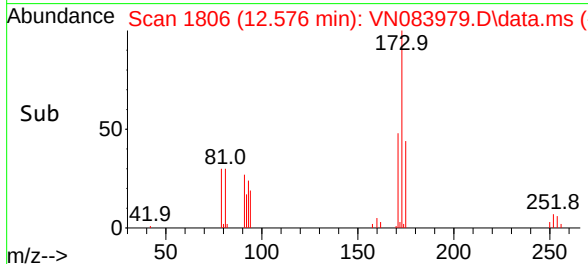
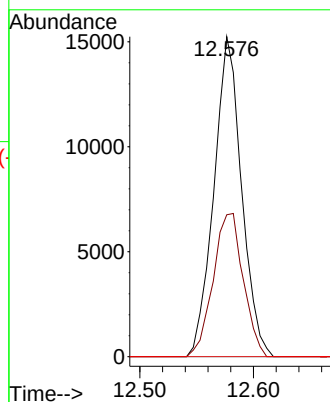
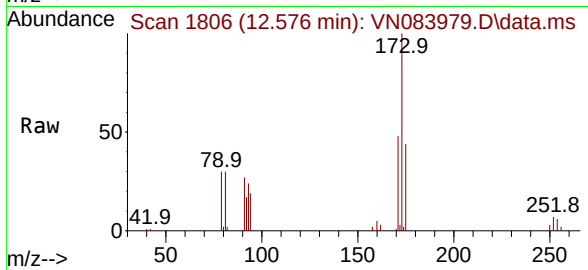




#71
Bromoform
Concen: 22.823 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

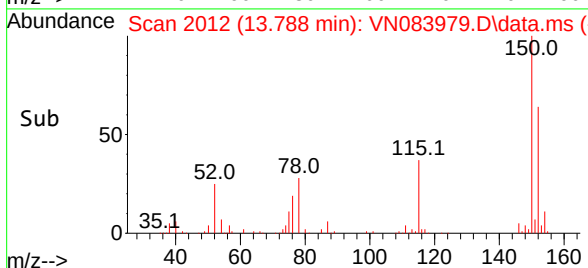
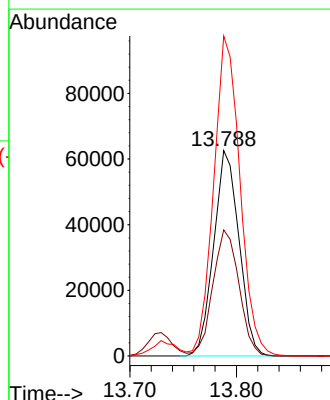
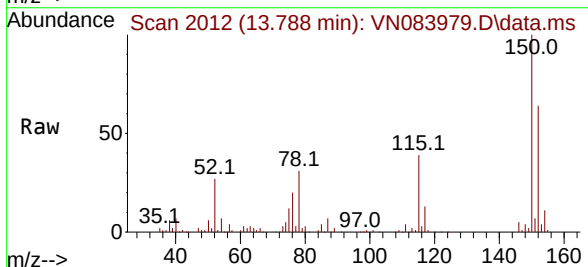
Instrument :
MSVOA_N
ClientSampleId :

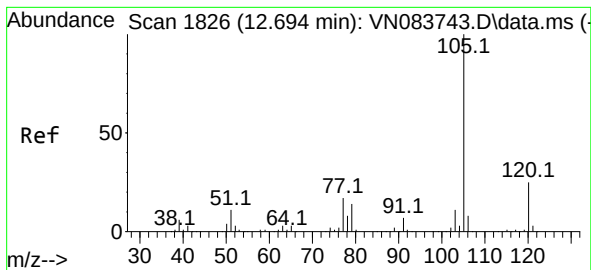
Tgt Ion:173 Resp: 25795
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion:152 Resp: 103062
Ion Ratio Lower Upper
152 100
115 63.5 32.2 96.6
150 162.4 0.0 348.6





#73

Isopropylbenzene

Concen: 20.396 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

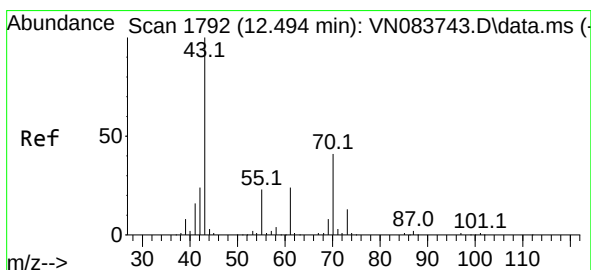
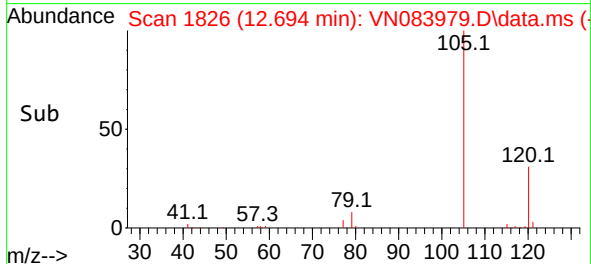
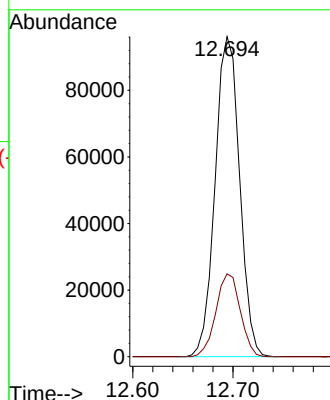
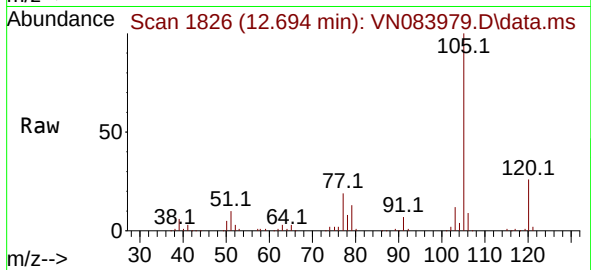
ClientSampleId :

Tgt Ion:105 Resp: 162629

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8



#74

N-ethyl acetate

Concen: 23.460 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Tgt Ion: 43 Resp: 79811

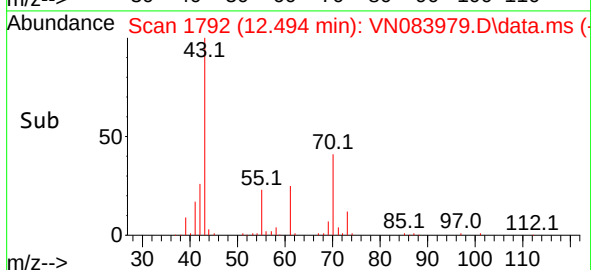
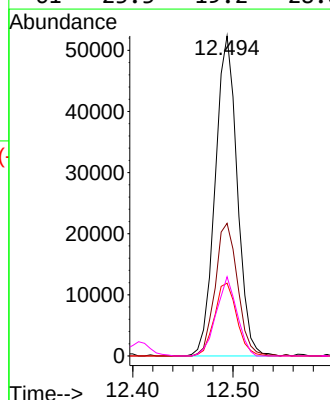
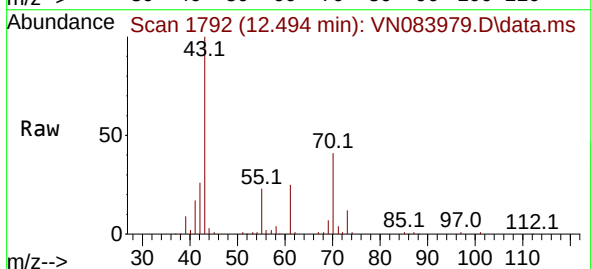
Ion Ratio Lower Upper

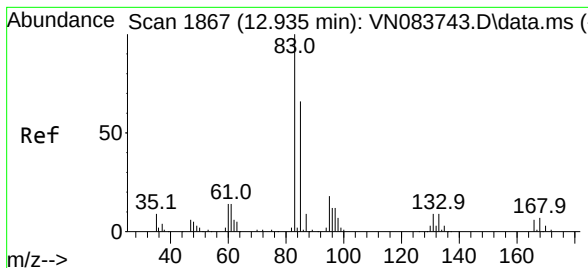
43 100

70 42.4 34.5 51.7

55 23.1 18.6 28.0

61 23.3 19.2 28.8

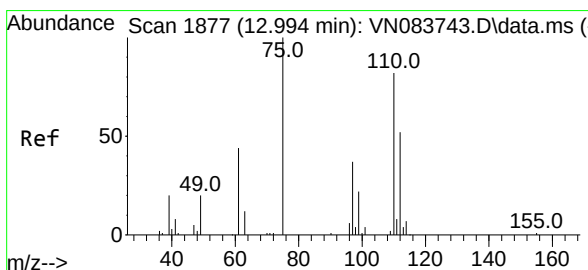
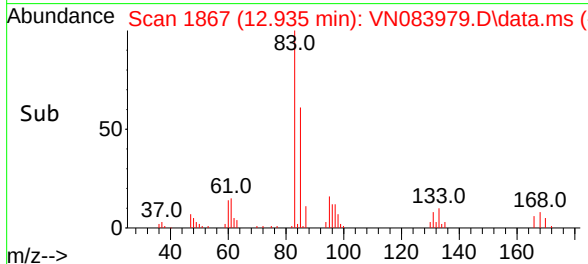
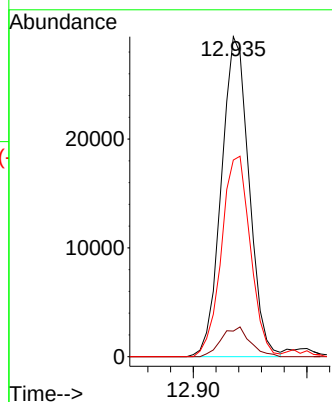
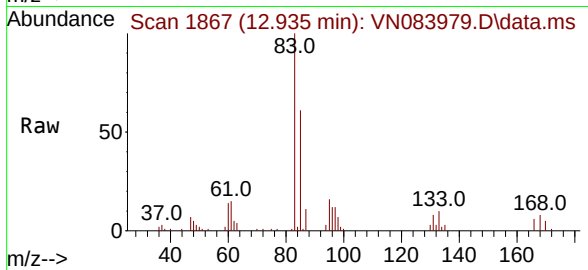




#75
1,1,2,2-Tetrachloroethane
Concen: 21.208 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

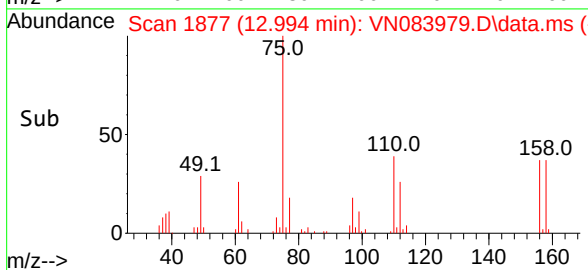
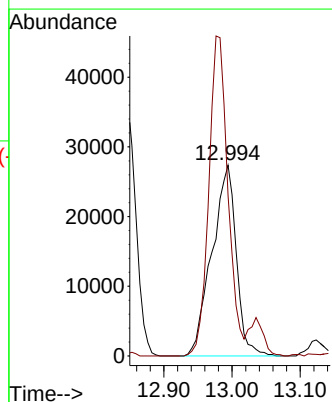
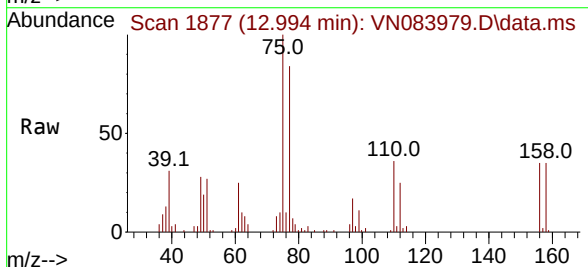
Instrument :
MSVOA_N
ClientSampleId :

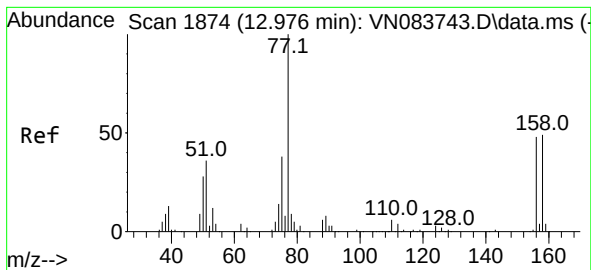
Tgt Ion: 83 Resp: 49686
Ion Ratio Lower Upper
83 100
131 9.6 5.2 15.6
85 65.5 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 32.782 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 75 Resp: 68172
Ion Ratio Lower Upper
75 100
77 131.5 95.2 285.6





#77

Bromobenzene

Concen: 20.061 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

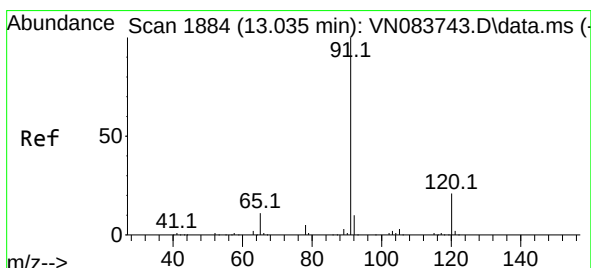
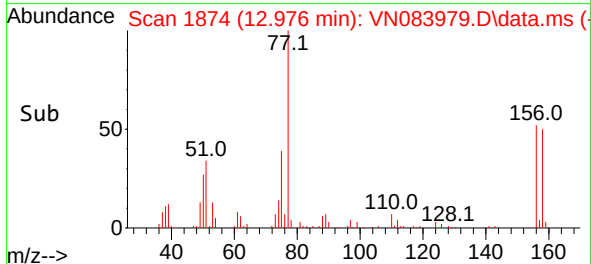
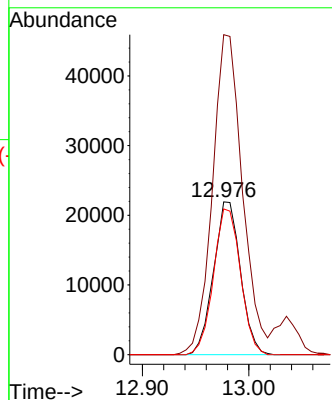
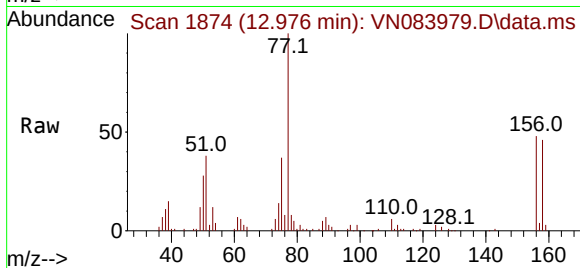
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:156 Resp: 38504

Ion	Ratio	Lower	Upper
156	100		
77	232.9	114.3	343.1
158	95.5	48.9	146.7



#78

n-propylbenzene

Concen: 20.518 ug/l

RT: 13.035 min Scan# 1884

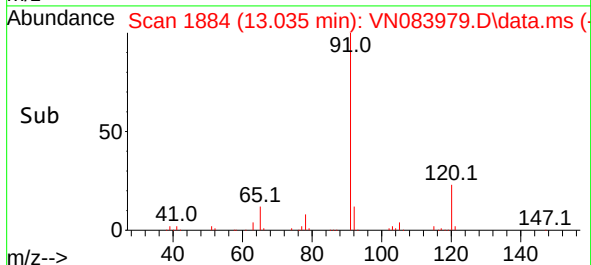
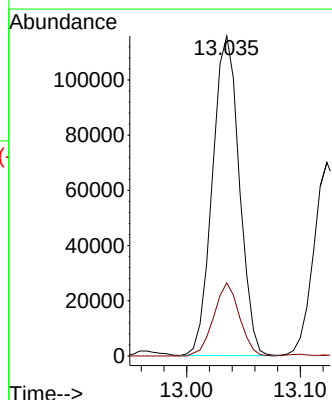
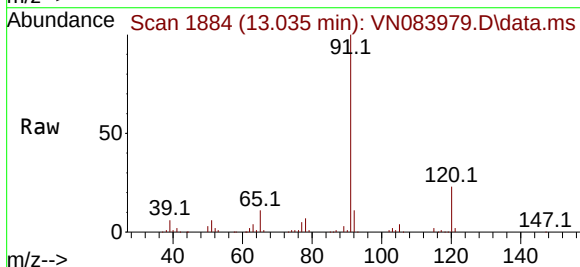
Delta R.T. 0.000 min

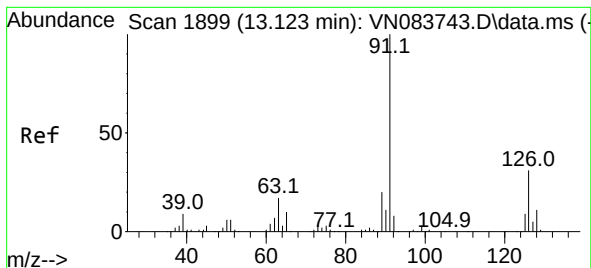
Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Tgt Ion: 91 Resp: 190349

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0





#79

2-Chlorotoluene

Concen: 20.295 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

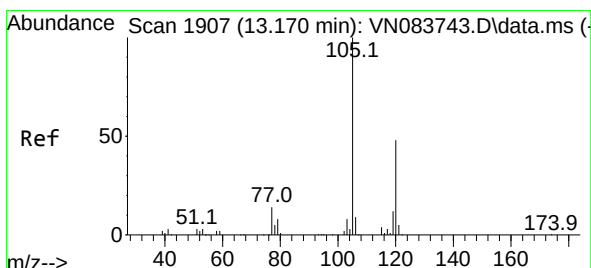
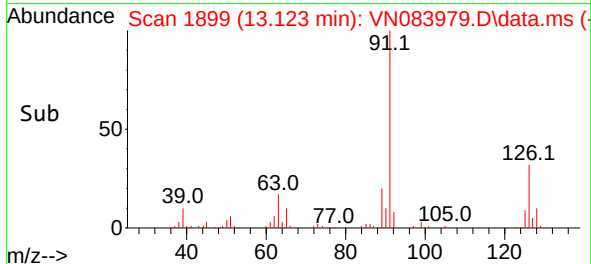
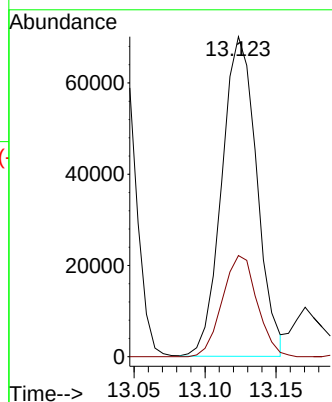
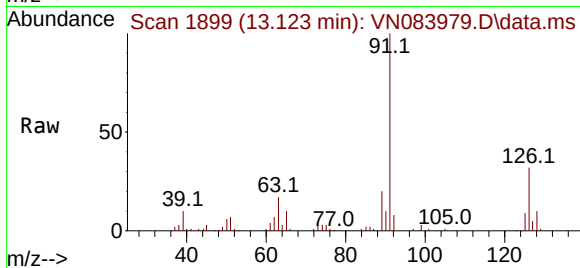
ClientSampleId :

Tgt Ion: 91 Resp: 120077

Ion Ratio Lower Upper

91 100

126 31.5 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 20.811 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083979.D

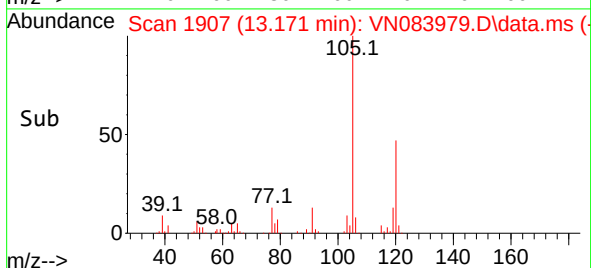
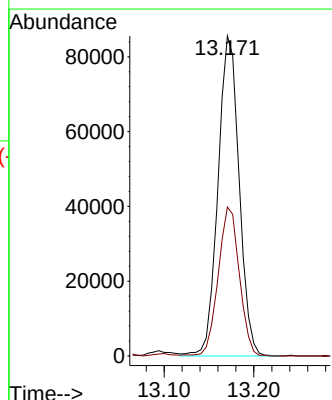
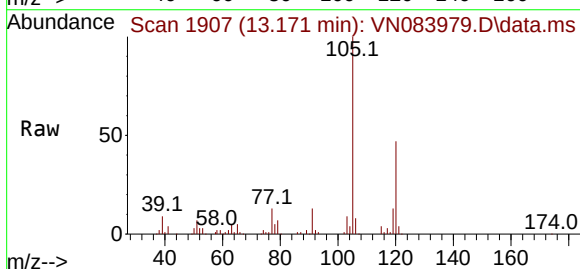
Acq: 18 Sep 2024 13:51

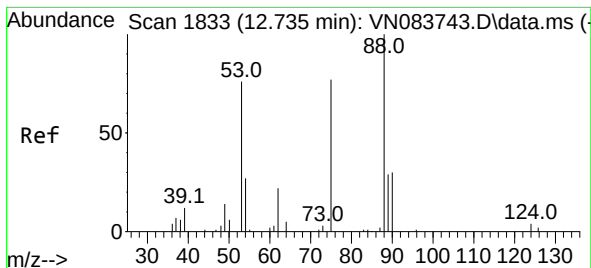
Tgt Ion:105 Resp: 139904

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.3

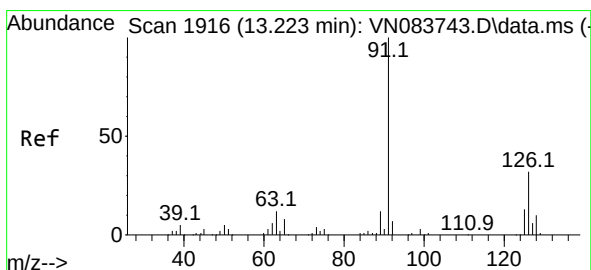
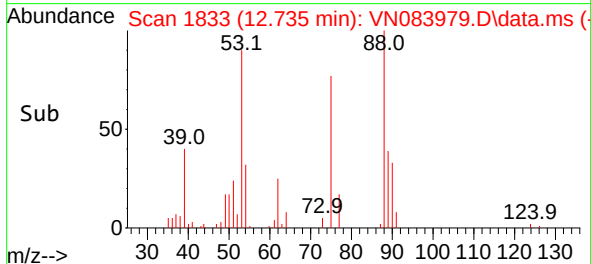
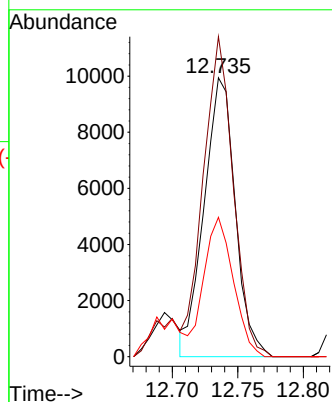
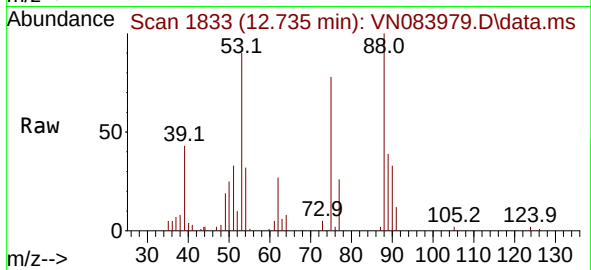




#81
trans-1,4-Dichloro-2-butene
Concen: 20.678 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

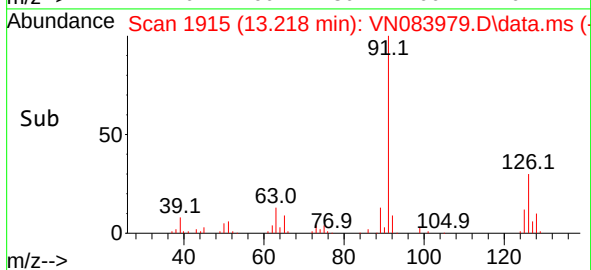
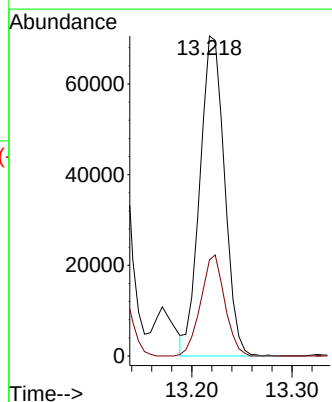
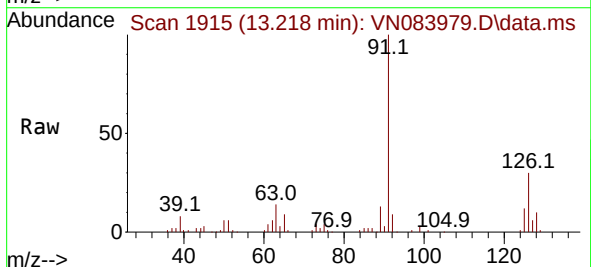
Instrument :
MSVOA_N
ClientSampleId :

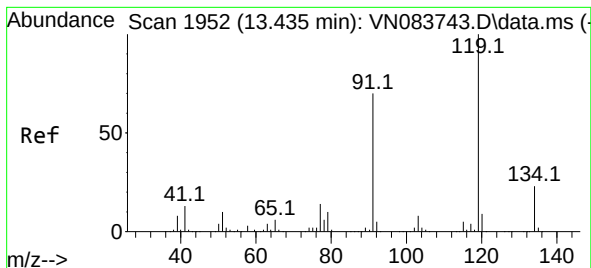
Tgt Ion: 75 Resp: 16419
Ion Ratio Lower Upper
75 100
53 122.7 81.2 121.8#
89 47.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.352 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 91 Resp: 120840
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83

tert-Butylbenzene

Concen: 20.060 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

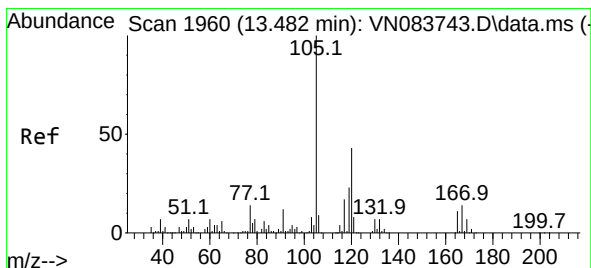
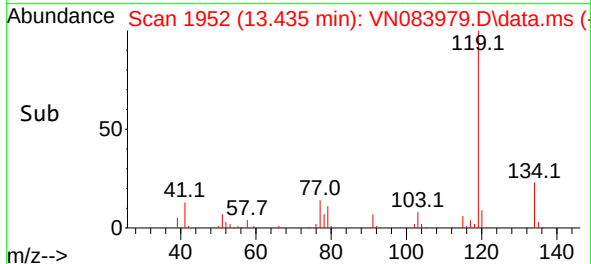
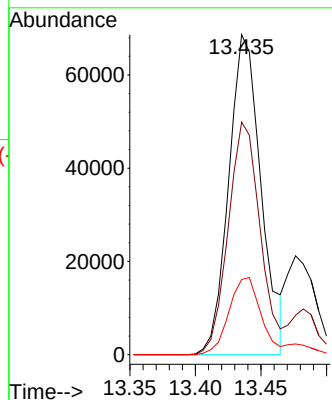
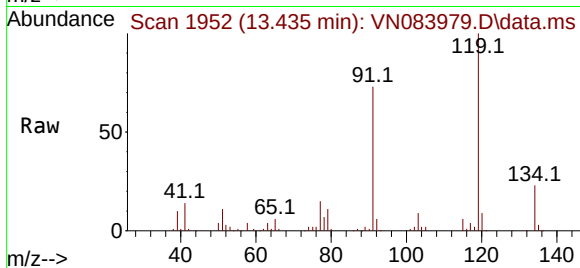
Tgt Ion:119 Resp: 117979

Ion Ratio Lower Upper

119 100

91 71.7 34.5 103.6

134 24.3 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 21.127 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083979.D

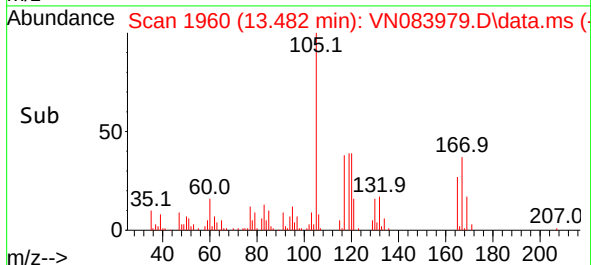
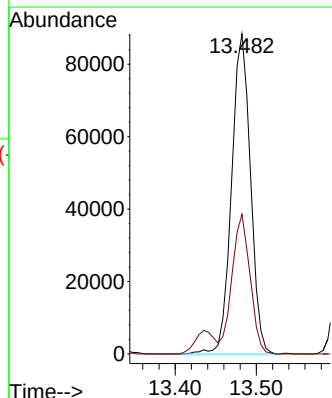
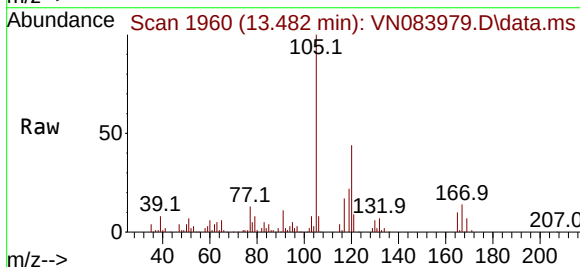
Acq: 18 Sep 2024 13:51

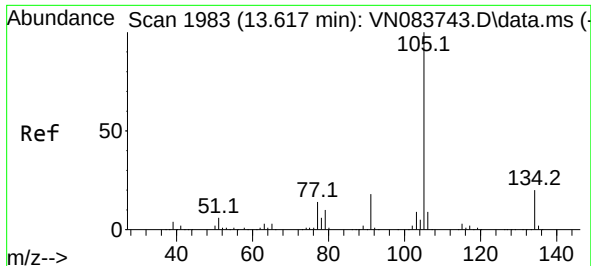
Tgt Ion:105 Resp: 142664

Ion Ratio Lower Upper

105 100

120 41.8 21.8 65.4

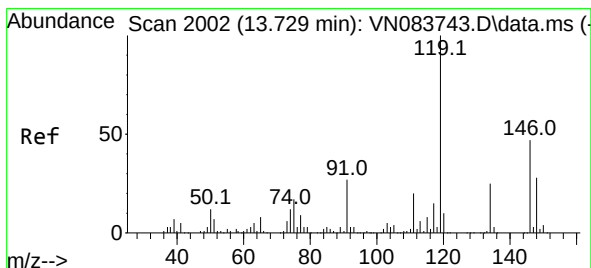
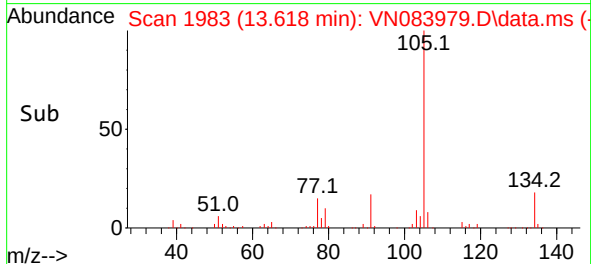
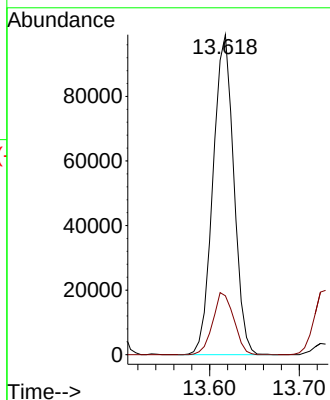
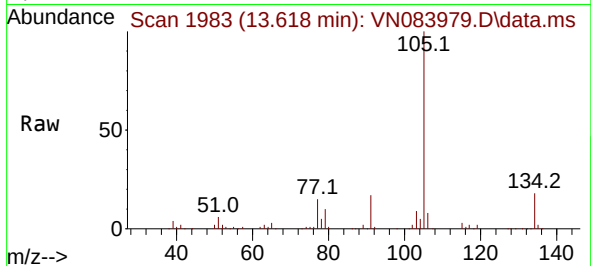




#85
 sec-Butylbenzene
 Concen: 20.416 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51

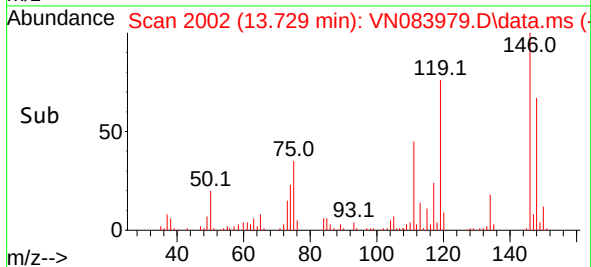
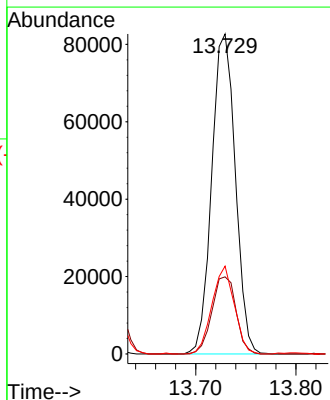
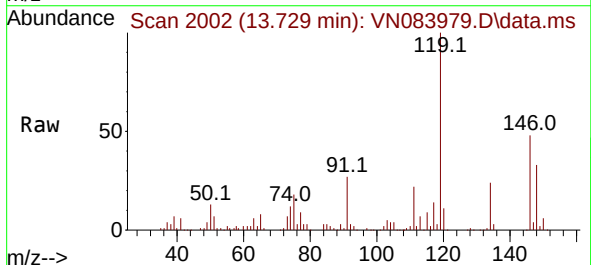
Instrument :
 MSVOA_N
 ClientSampleId :

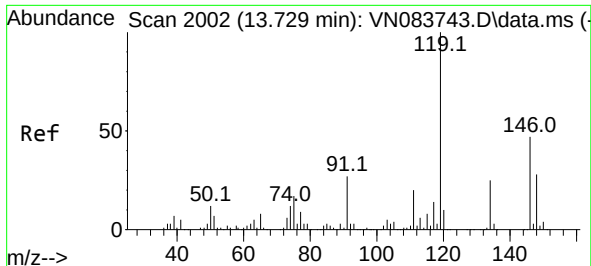
Tgt Ion:105 Resp: 159249
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.668 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083979.D
 Acq: 18 Sep 2024 13:51

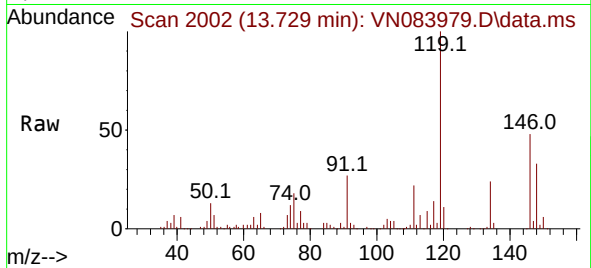
Tgt Ion:119 Resp: 135137
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.8 38.3
 91 26.0 12.9 38.7



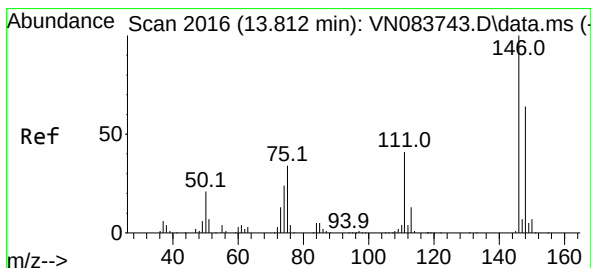
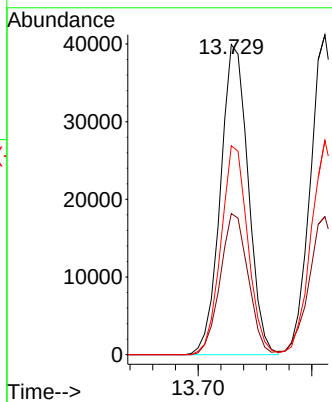
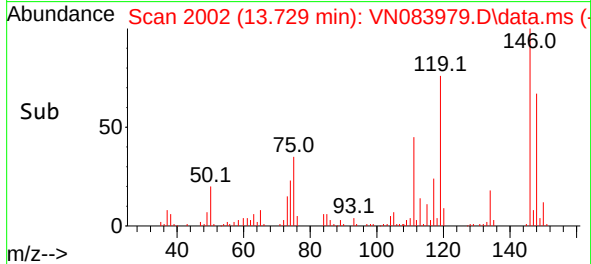


#87
1,3-Dichlorobenzene
Concen: 18.701 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

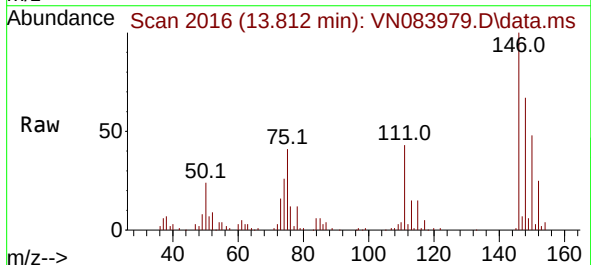
Instrument :
MSVOA_N
ClientSampleId :



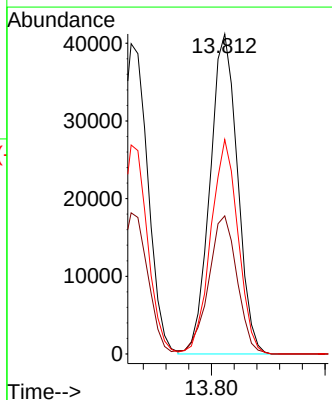
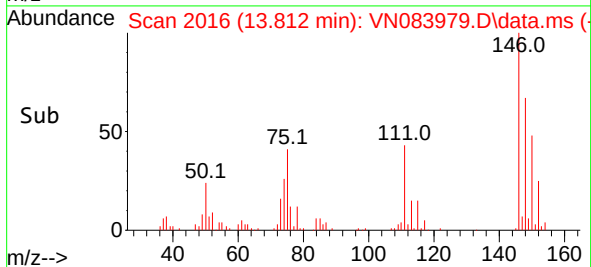
Tgt Ion:146 Resp: 67738
Ion Ratio Lower Upper
146 100
111 45.7 21.7 65.1
148 65.4 31.7 95.1

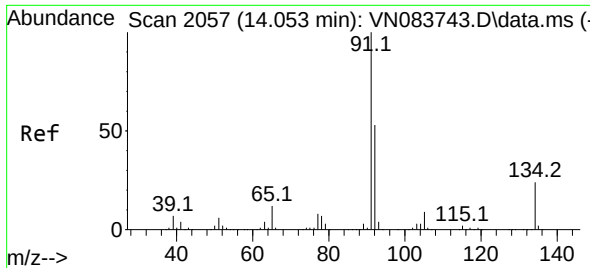


#88
1,4-Dichlorobenzene
Concen: 18.892 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51



Tgt Ion:146 Resp: 69292
Ion Ratio Lower Upper
146 100
111 45.0 21.3 64.0
148 66.5 32.0 96.2

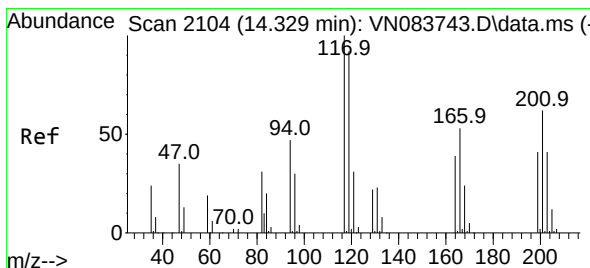
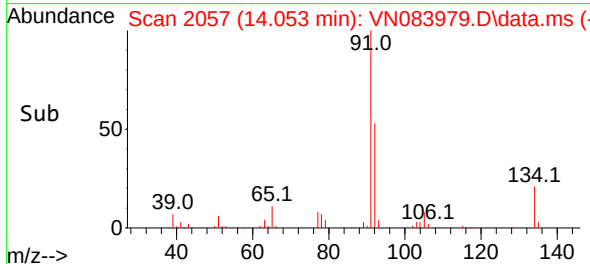
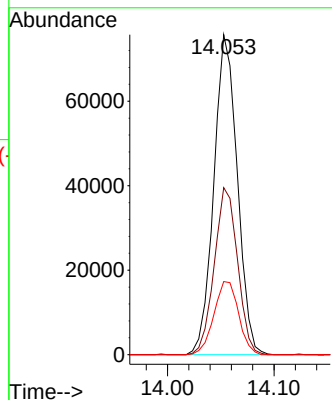
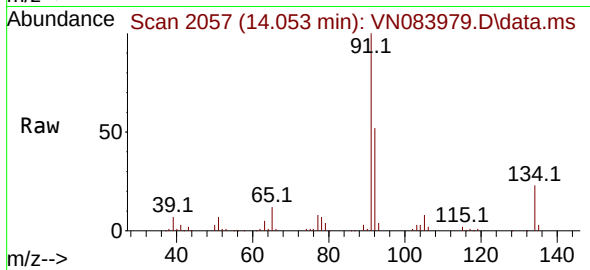




#89
n-Butylbenzene
Concen: 19.737 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

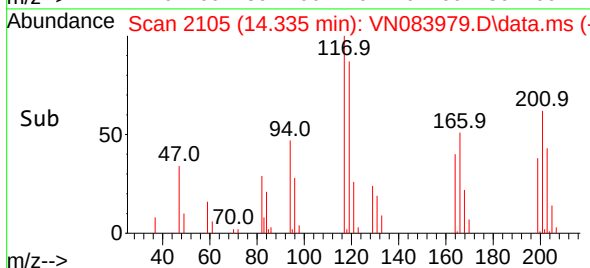
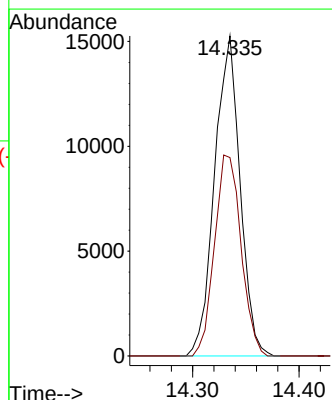
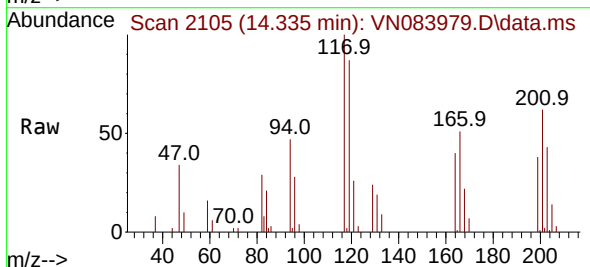
Instrument :
MSVOA_N
ClientSampleId :

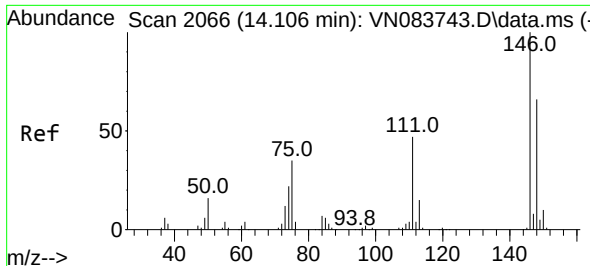
Tgt Ion: 91 Resp: 115869
Ion Ratio Lower Upper
91 100
92 51.8 26.7 80.1
134 24.0 12.2 36.4



#90
Hexachloroethane
Concen: 19.300 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083979.D
Acq: 18 Sep 2024 13:51

Tgt Ion: 117 Resp: 25367
Ion Ratio Lower Upper
117 100
201 65.3 32.8 98.3





#91

1,2-Dichlorobenzene

Concen: 19.197 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

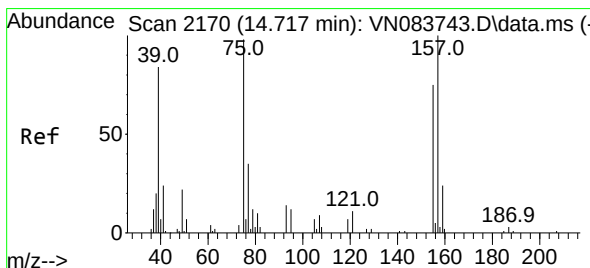
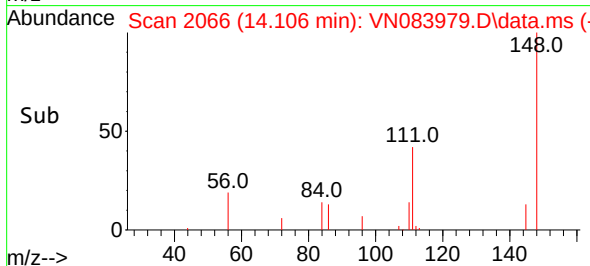
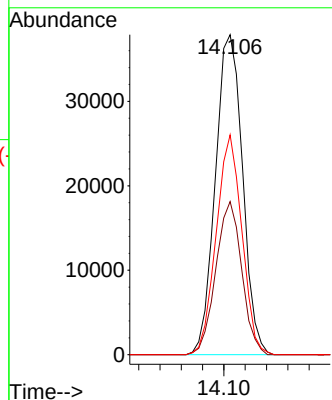
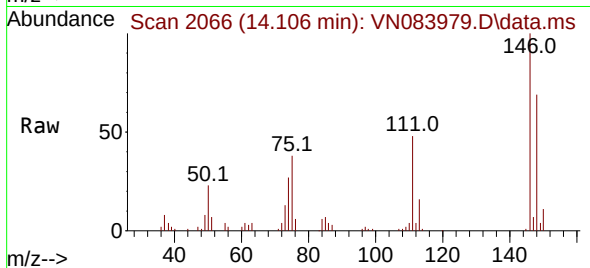
Tgt Ion:146 Resp: 67109

Ion Ratio Lower Upper

146 100

111 45.7 22.8 68.3

148 64.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.023 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

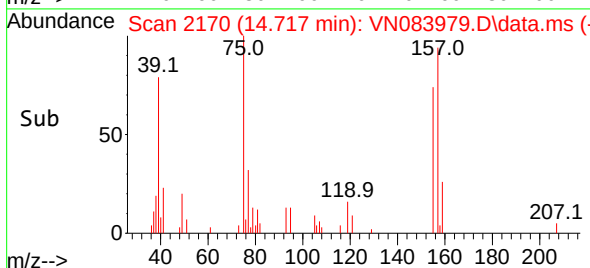
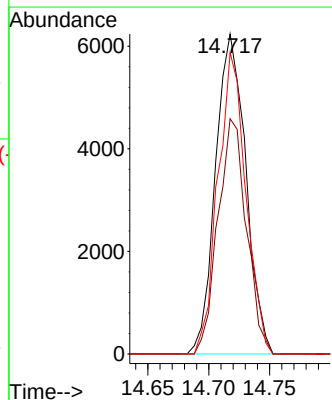
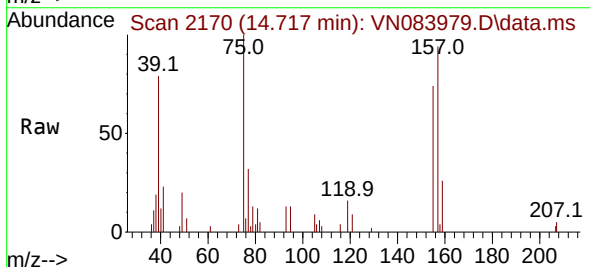
Tgt Ion: 75 Resp: 10752

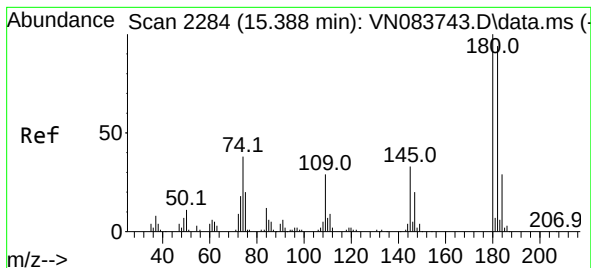
Ion Ratio Lower Upper

75 100

155 69.3 35.9 107.7

157 87.2 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 18.148 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

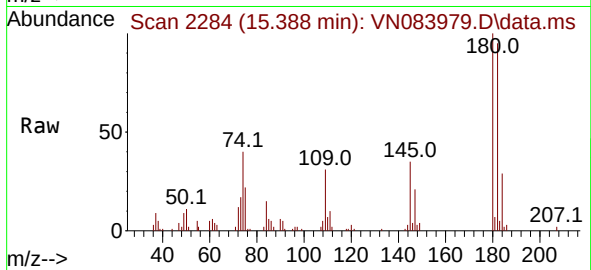
Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :



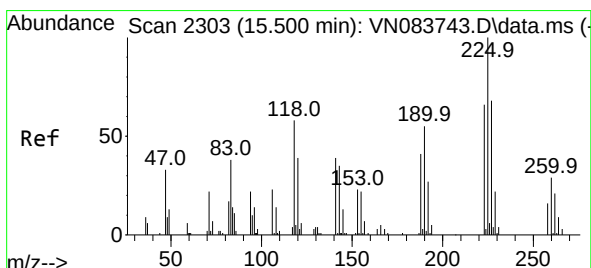
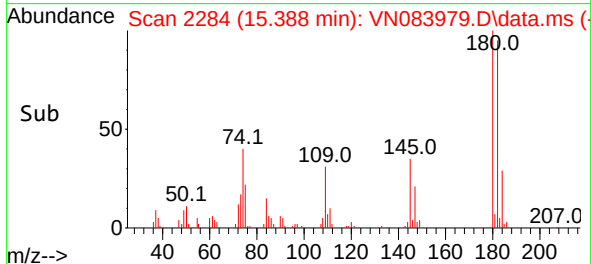
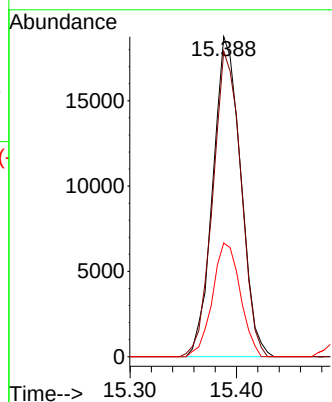
Tgt Ion:180 Resp: 34045

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 35.3 16.9 50.7



#94

Hexachlorobutadiene

Concen: 19.403 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

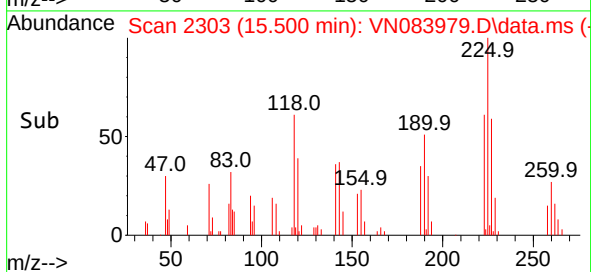
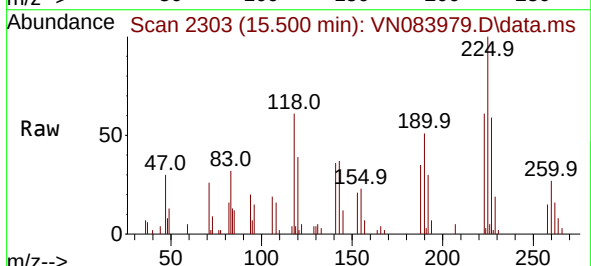
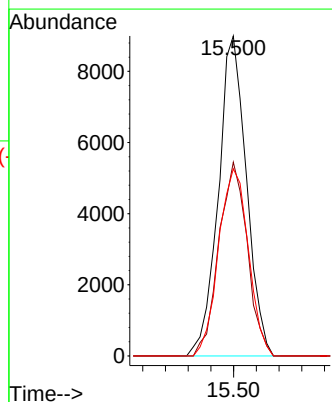
Tgt Ion:225 Resp: 15458

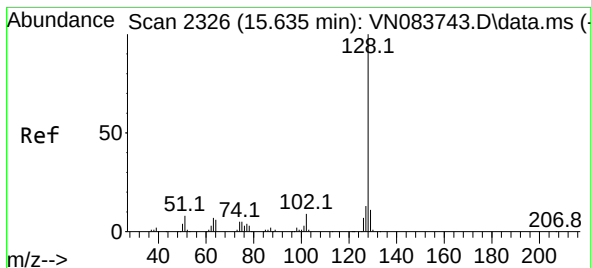
Ion Ratio Lower Upper

225 100

223 61.2 31.9 95.5

227 61.9 32.0 96.2





#95

Naphthalene

Concen: 20.756 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

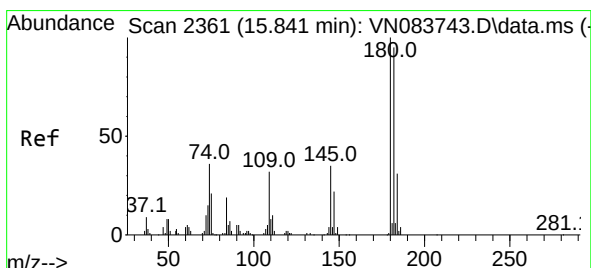
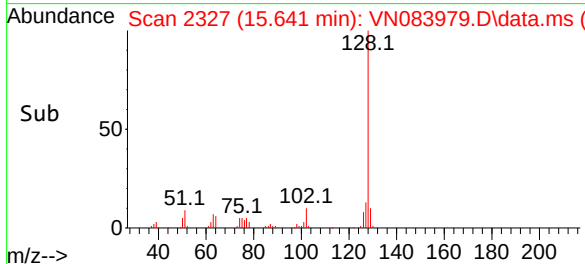
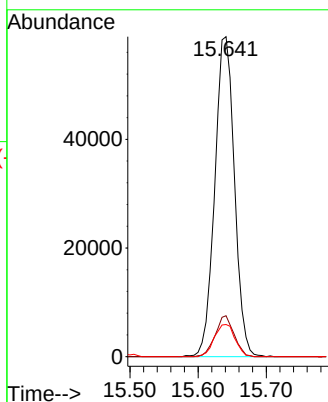
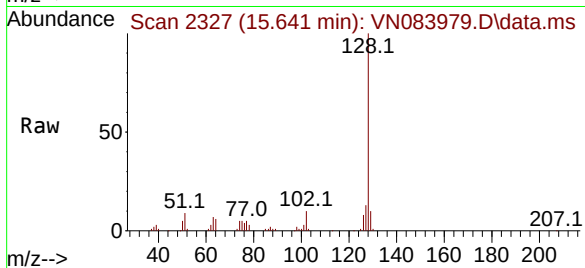
Tgt Ion:128 Resp: 118459

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.412 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083979.D

Acq: 18 Sep 2024 13:51

Tgt Ion:180 Resp: 34802

Ion Ratio Lower Upper

180 100

182 92.9 47.1 141.4

145 34.5 17.8 53.5

