

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078927.D
 Acq On : 17 Aug 2023 15:40
 Operator : JC\MD
 Sample : VN0817WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:31:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	39608	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	217638	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	199114	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	94696	29.511	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.367%
60) 4-Bromofluorobenzene	12.853	95	87091	29.985	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.933%
63) Toluene-d8	10.571	98	272262	29.280	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44850	17.945	ug/l	100
3) Chloromethane	2.365	50	55854	18.647	ug/l	98
4) Vinyl Chloride	2.512	62	53513	18.051	ug/l	96
5) Bromomethane	2.948	94	34010	18.586	ug/l	98
6) Chloroethane	3.195	64	673	0.349	ug/l	96
7) Trichlorofluoromethane	3.489	101	73776	18.477	ug/l	98
8) Diethyl Ether	3.965	74	28374	18.894	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	37465	17.966	ug/l	93
10) 1,1-Dichloroethene	4.342	96	37726	17.982	ug/l	92
11) Methyl Iodide	4.589	142	45928	18.141	ug/l	98
12) Methyl Acetate	5.024	43	95097	19.338	ug/l	96
13) Acrolein	4.177	56	13724	40.041	ug/l #	4
14) Acrylonitrile	5.730	53	128429	99.351	ug/l #	93
15) Acetone	4.442	58	33605	84.746	ug/l	94
16) Carbon Disulfide	4.712	76	107270	17.795	ug/l	99
17) Allyl chloride	5.024	41	68131	17.718	ug/l	97
18) Methylene Chloride	5.271	84	24090	9.605	ug/l #	86
19) trans-1,2-Dichloroethene	5.783	96	22084	9.353	ug/l	94
20) Diisopropyl ether	6.683	45	165058	19.733	ug/l	94
21) 1,1-Dichloroethane	6.571	63	88849	19.142	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	50605	18.726	ug/l	96
23) tert-Butyl Alcohol	5.536	59	49656	102.981	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	145345	19.517	ug/l	98
25) Chloroform	7.965	83	88992	19.032	ug/l	91
26) Cyclohexane	8.259	56	59494	17.523	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	61889	18.693	ug/l	96
30) 2-Butanone	7.494	43	187852	96.923	ug/l	99
31) 2,2-Dichloropropane	7.494	77	67590	18.472	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	74466	18.839	ug/l	98
33) Carbon Tetrachloride	8.365	117	64243	18.764	ug/l	94
34) Benzene	8.612	78	194383	19.592	ug/l #	95
35) Methacrylonitrile	7.789	41	41592	20.134	ug/l	96
36) 1,2-Dichloroethane	8.677	62	72557	19.529	ug/l	99
37) Trichloroethene	9.359	130	44979	18.213	ug/l	92
38) Methylcyclohexane	9.600	83	52815	18.120	ug/l	98
39) 1,2-Dichloropropane	9.624	63	51801	19.383	ug/l	93
40) Dibromomethane	9.712	93	35911	20.047	ug/l	97
41) Bromodichloromethane	9.894	83	69598	19.319	ug/l	93
42) Vinyl Acetate	6.612	43	548023	100.288	ug/l	99

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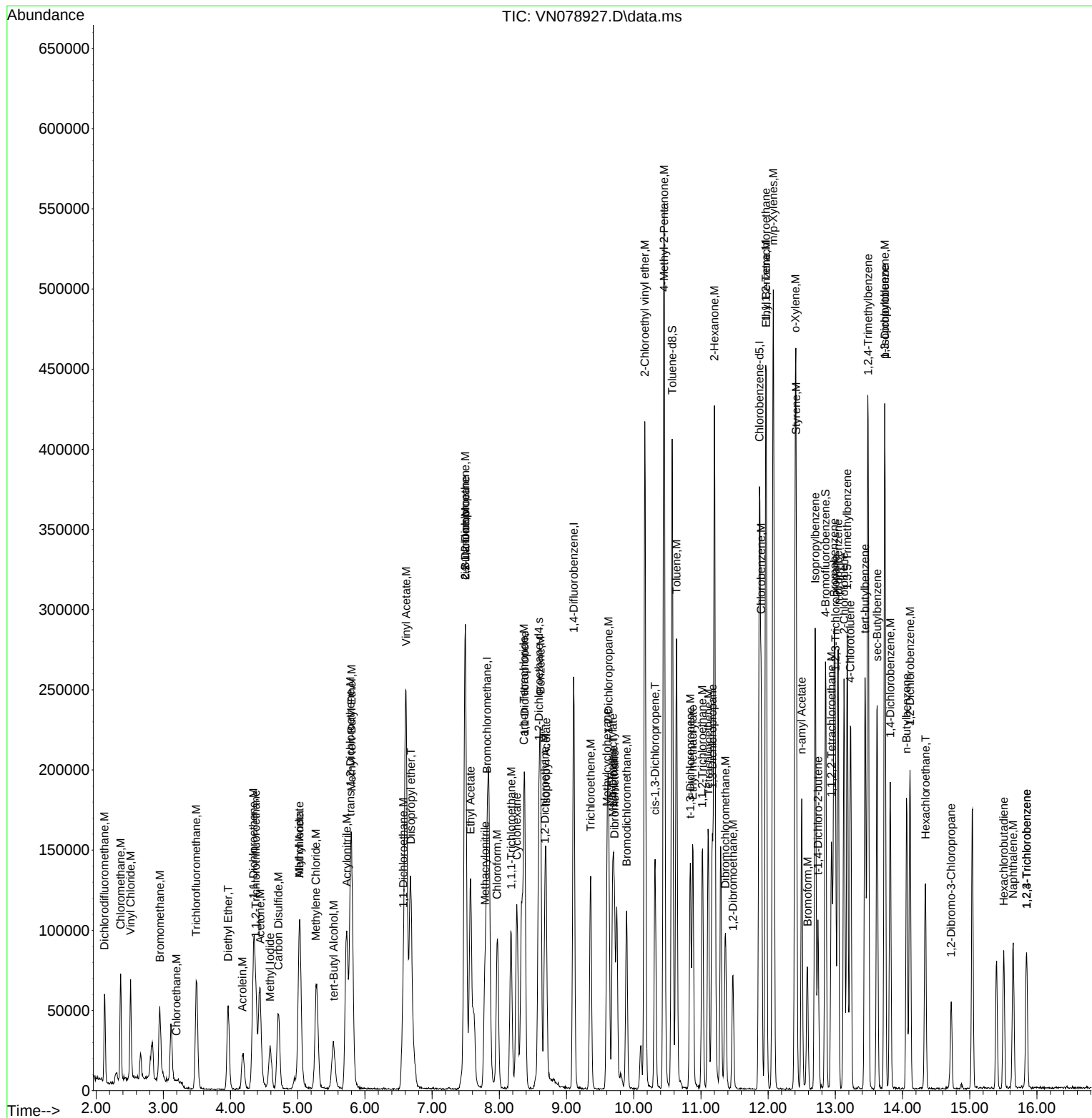
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43) Ethyl Acetate	7.571	43	76217	20.270	ug/l	# 92
44) Isopropyl Acetate	8.694	43	131931	19.913	ug/l	98
45) 1,4-Dioxane	9.700	88	21324	427.707	ug/l	98
46) Methyl methacrylate	9.688	41	58098	19.903	ug/l	95
47) n-amyl Acetate	12.500	43	100625	19.792	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	75565	19.695	ug/l	94
49) cis-1,3-Dichloropropene	10.318	75	82219	19.984	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	47932	19.800	ug/l	96
51) Ethyl methacrylate	10.877	69	74583	19.906	ug/l	93
52) 1,3-Dichloropropane	11.171	76	86668	19.988	ug/l	98
53) Dibromochloromethane	11.365	129	52049	19.644	ug/l	95
54) 1,2-Dibromoethane	11.477	107	48530	19.527	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	178214	102.904	ug/l	99
56) Bromoform	12.588	173	36314	19.426	ug/l	# 95
58) 4-Methyl-2-Pentanone	10.453	43	388499	98.342	ug/l	99
59) 2-Hexanone	11.200	43	277669	95.931	ug/l	100
61) Tetrachloroethene	11.112	164	35348	18.335	ug/l	94
62) Toluene	10.635	91	204064	18.772	ug/l	98
64) Chlorobenzene	11.894	112	121456	18.582	ug/l	# 87
65) 1,1,1,2-Tetrachloroethane	11.965	131	47490	19.002	ug/l	98
66) Ethyl Benzene	11.971	91	211488	18.599	ug/l	98
67) m/p-Xylenes	12.076	106	159651	37.656	ug/l	100
68) o-Xylene	12.406	106	80169	19.178	ug/l	98
69) Styrene	12.418	104	129474	19.061	ug/l	99
70) Isopropylbenzene	12.700	105	180598	17.830	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	74206	19.543	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	91130	29.255	ug/l	54
73) Bromobenzene	12.982	156	46882	18.181	ug/l	94
74) n-propylbenzene	13.041	91	213196	18.572	ug/l	100
75) 2-Chlorotoluene	13.129	91	136289	18.715	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	149958	18.676	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	21551	18.617	ug/l	91
78) 4-Chlorotoluene	13.223	91	134377	19.261	ug/l	99
79) tert-butylbenzene	13.441	119	129660	19.110	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	145550	18.435	ug/l	96
81) sec-Butylbenzene	13.623	105	165668	18.501	ug/l	96
82) p-Isopropyltoluene	13.735	119	130016	17.784	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	77830	18.702	ug/l	95
84) 1,4-Dichlorobenzene	13.818	146	76166	18.642	ug/l	97
85) n-Butylbenzene	14.059	91	100735	17.519	ug/l	99
86) Hexachloroethane	14.341	117	27114	18.126	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	81957	19.228	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13934	20.446	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	28667	17.030	ug/l	96
90) Hexachlorobutadiene	15.506	225	15209	17.354	ug/l	96
91) Naphthalene	15.647	128	80985	16.681	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	28667	17.030	ug/l	96

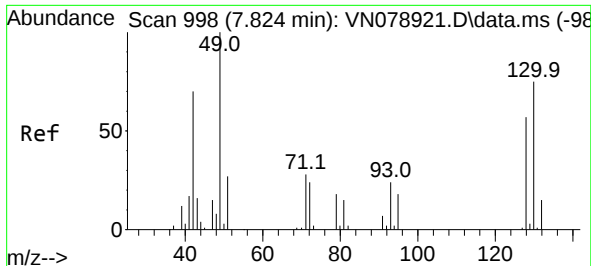
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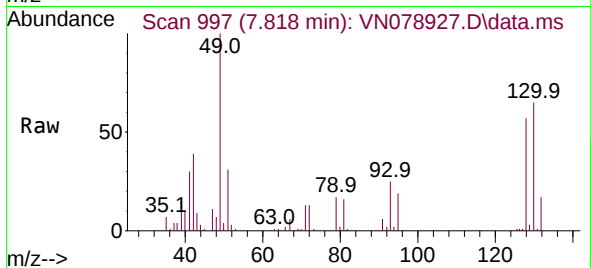
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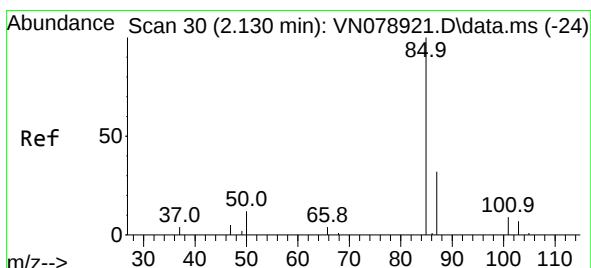
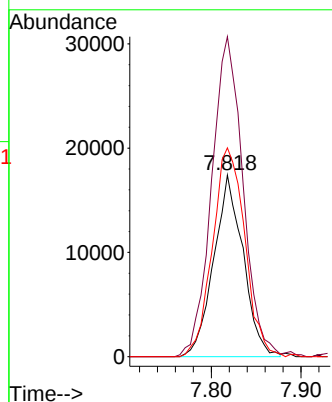
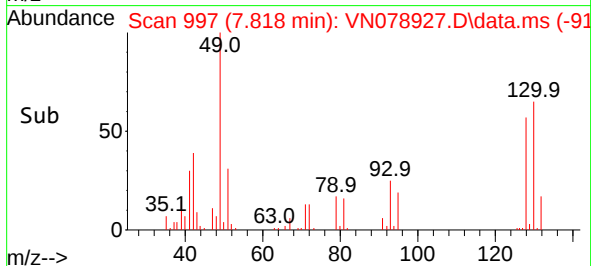


#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.818 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN078927.D
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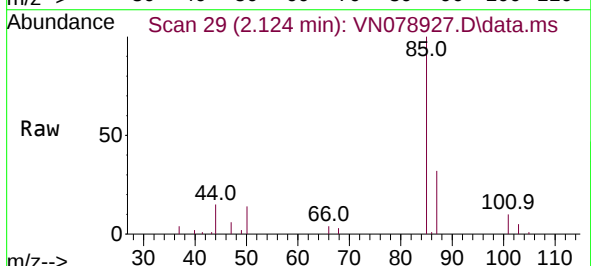
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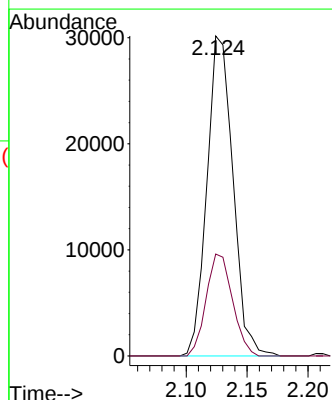
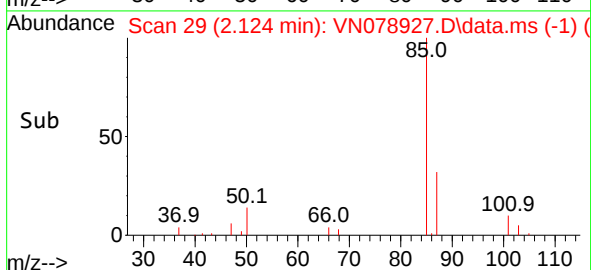
Tgt Ion:128 Resp: 39608
 Ion Ratio Lower Upper
 128 100
 49 187.4 0.0 481.8
 130 126.3 0.0 320.5

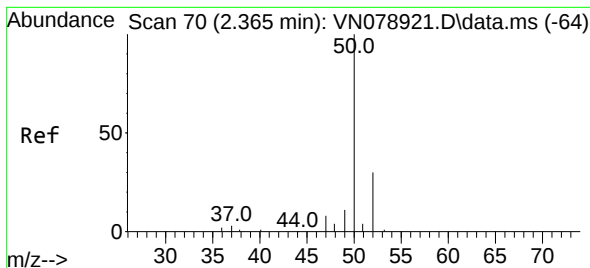


#2
 Dichlorodifluoromethane
 Concen: 17.945 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40



Tgt Ion: 85 Resp: 44850
 Ion Ratio Lower Upper
 85 100
 87 31.8 15.9 47.7





#3

Chloromethane

Concen: 18.647 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

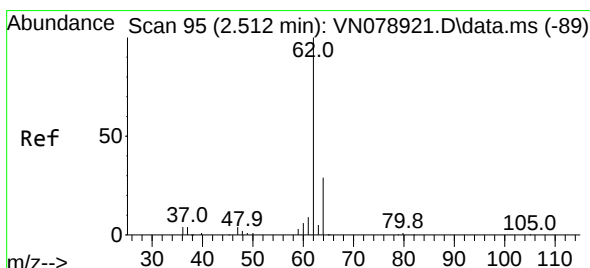
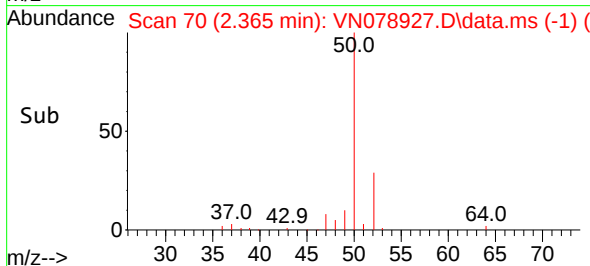
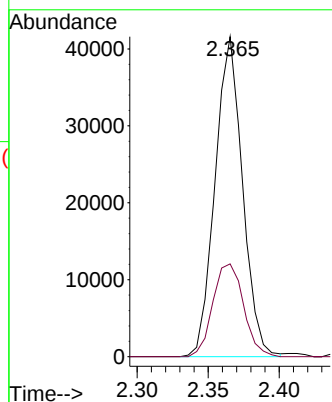
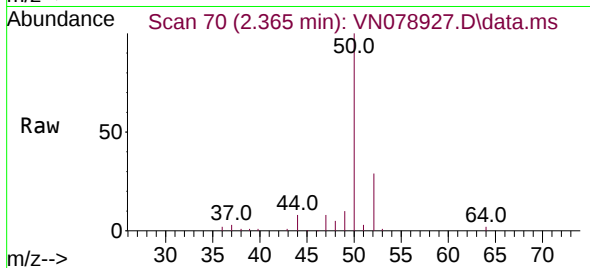
ClientSampleId :

Tgt Ion: 50 Resp: 55854

Ion Ratio Lower Upper

50 100

52 29.0 24.2 36.4



#4

Vinyl Chloride

Concen: 18.051 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN078927.D

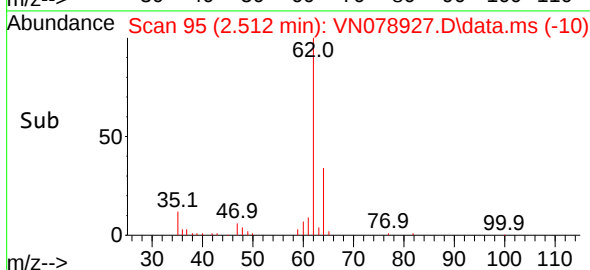
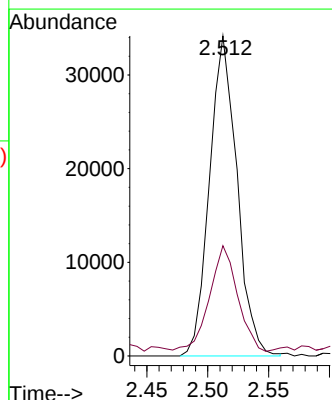
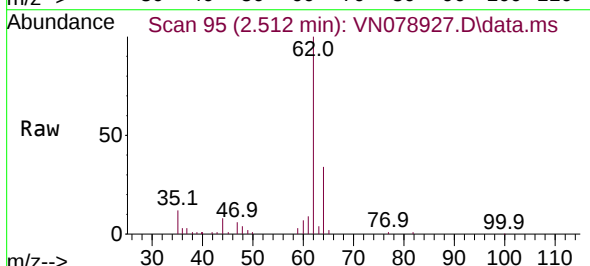
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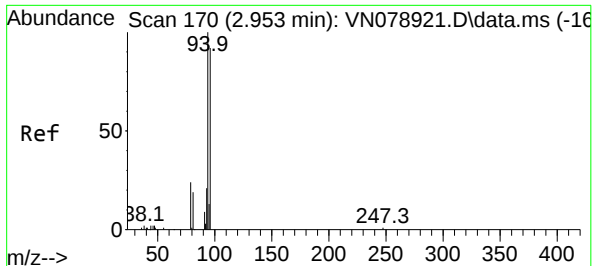
Tgt Ion: 62 Resp: 53513

Ion Ratio Lower Upper

62 100

64 31.9 23.8 35.8

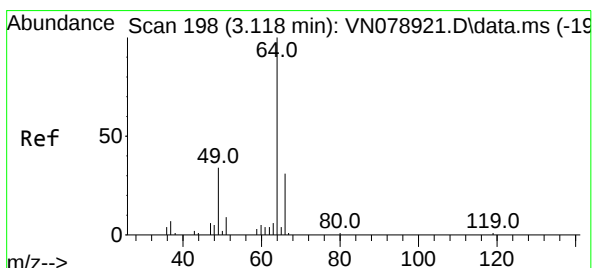
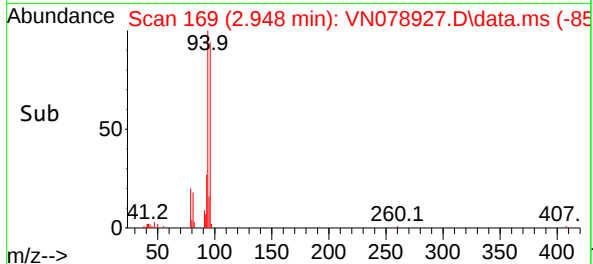
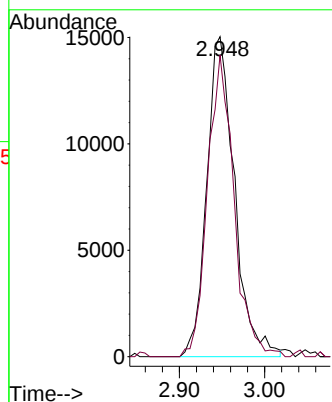
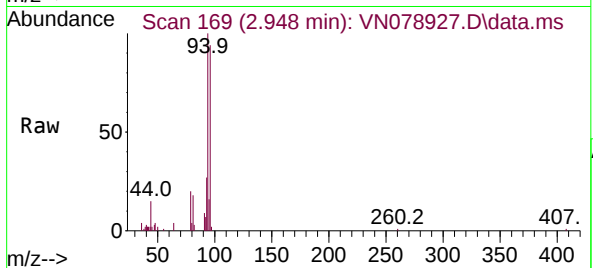




#5
Bromomethane
Concen: 18.586 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078927.D
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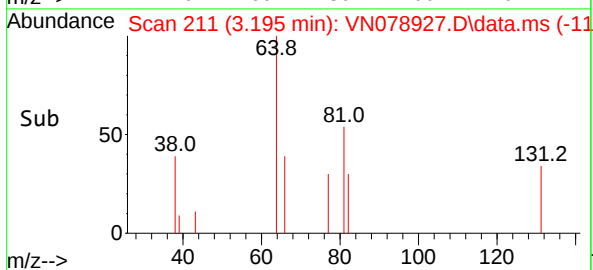
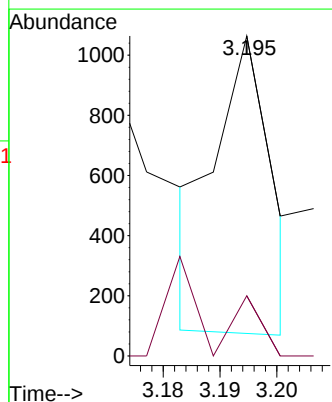
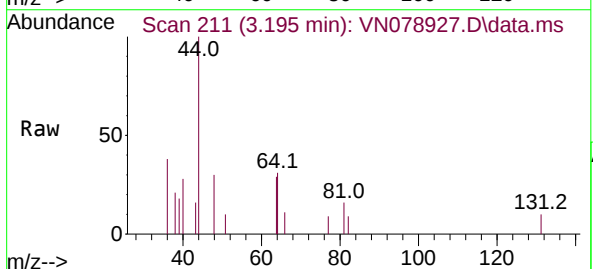
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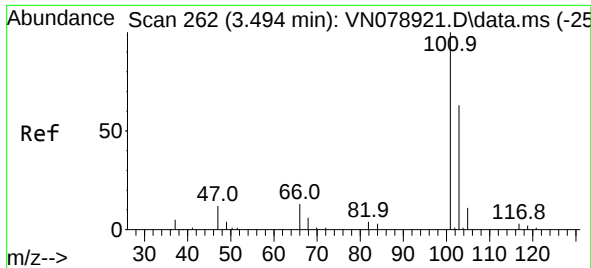
Tgt Ion: 94 Resp: 34010
Ion Ratio Lower Upper
94 100
96 94.2 73.6 110.4



#6
Chloroethane
Concen: 0.349 ug/l
RT: 3.195 min Scan# 211
Delta R.T. 0.077 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

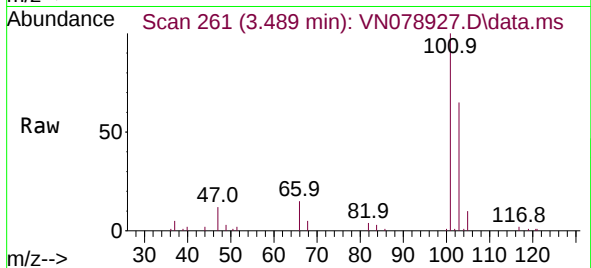
Tgt Ion: 64 Resp: 673
Ion Ratio Lower Upper
64 100
66 33.4 24.9 37.3



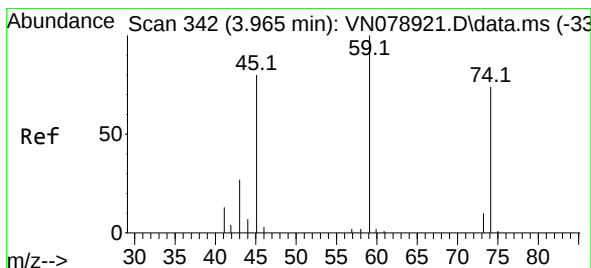
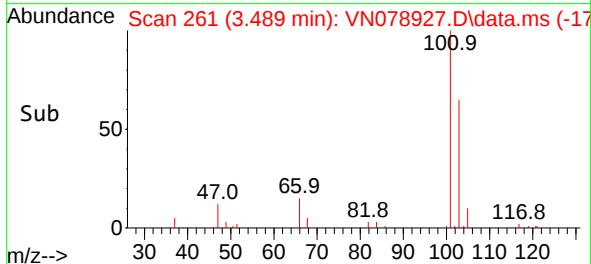
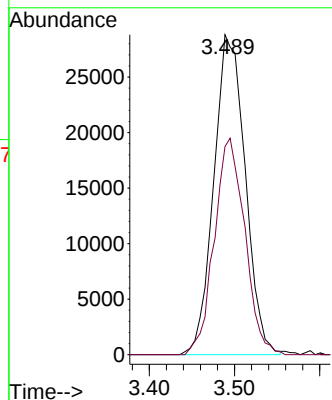


#7
 Trichlorofluoromethane
 Concen: 18.477 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

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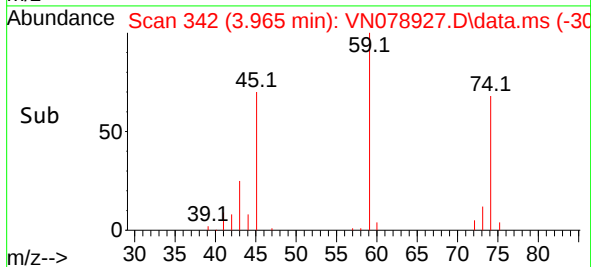
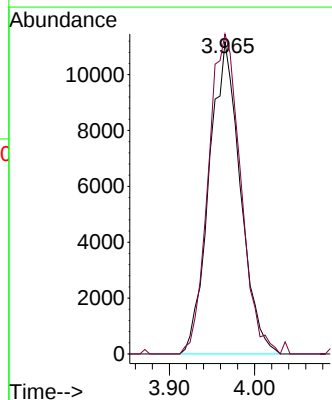
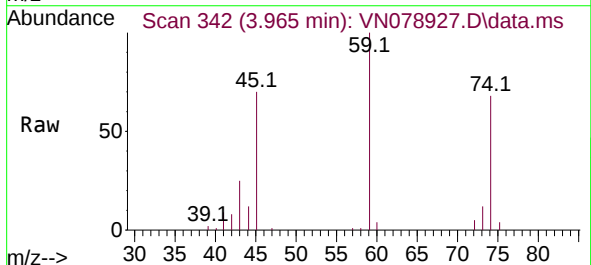


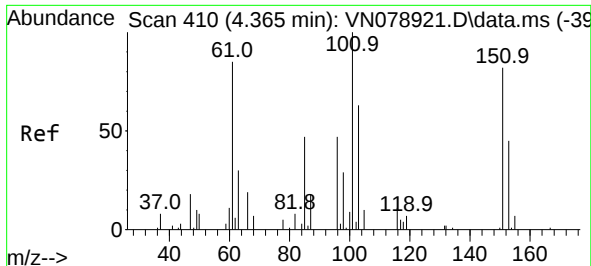
Tgt Ion:101 Resp: 73776
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.9 76.3



#8
 Diethyl Ether
 Concen: 18.894 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

Tgt Ion: 74 Resp: 28374
 Ion Ratio Lower Upper
 74 100
 45 106.1 21.3 191.9

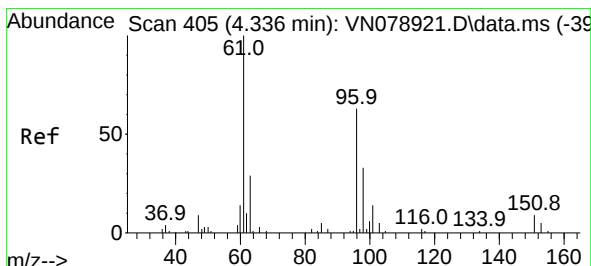
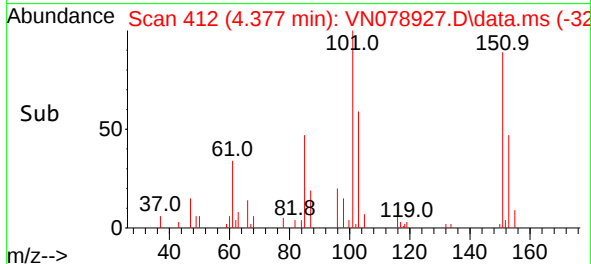
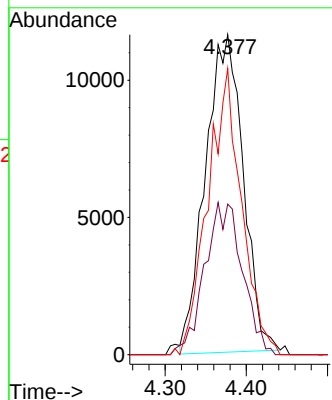
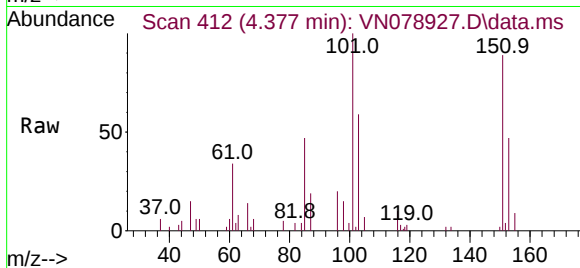




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.966 ug/l
 RT: 4.377 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VN078927.D
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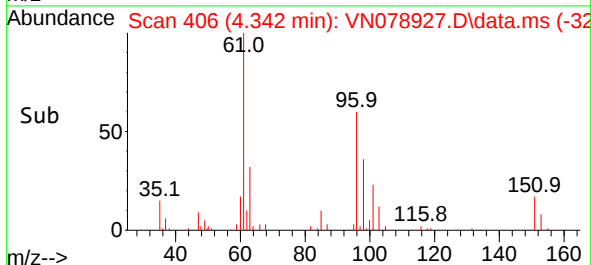
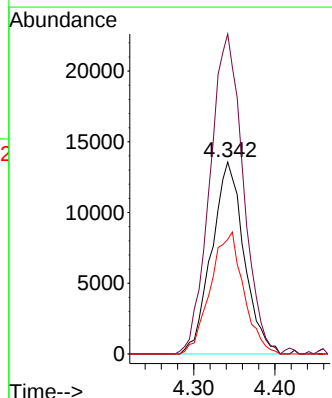
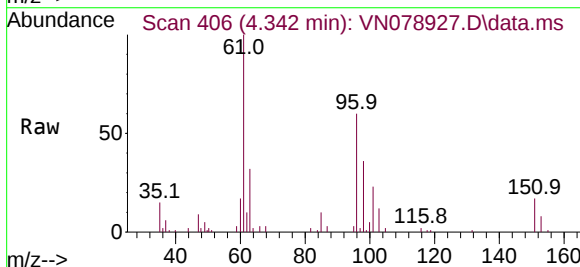
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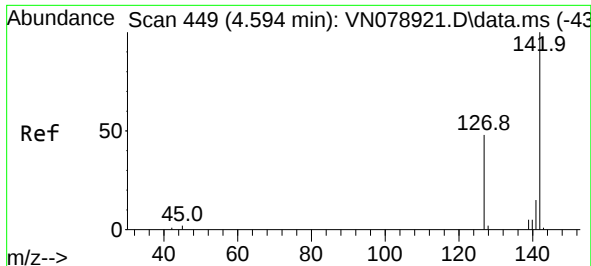
Tgt Ion:101 Resp: 37465
 Ion Ratio Lower Upper
 101 100
 85 22.7 0.0 65.4
 151 80.1 0.0 156.8



#10
 1,1-Dichloroethene
 Concen: 17.982 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

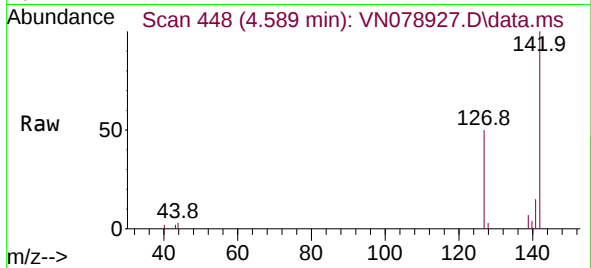
Tgt Ion: 96 Resp: 37726
 Ion Ratio Lower Upper
 96 100
 61 166.8 126.2 189.4
 98 59.7 41.7 62.5



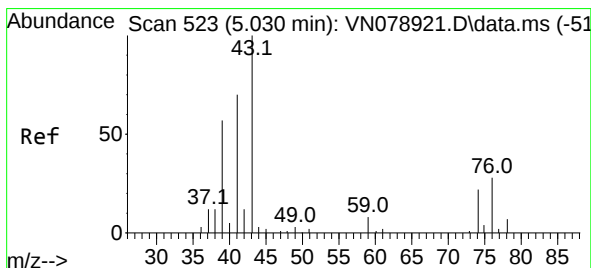
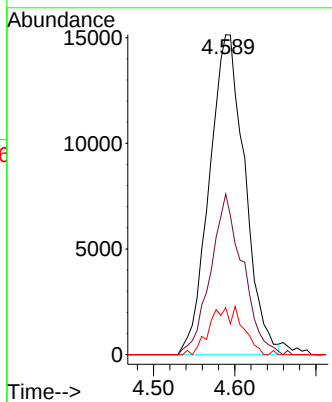
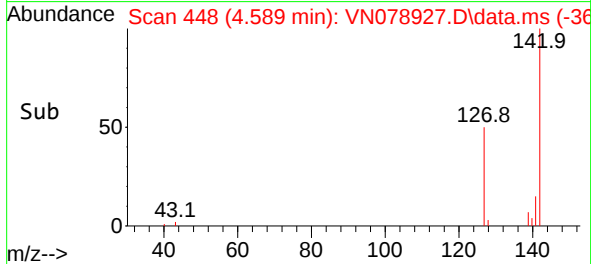


#11
Methyl Iodide
Concen: 18.141 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :

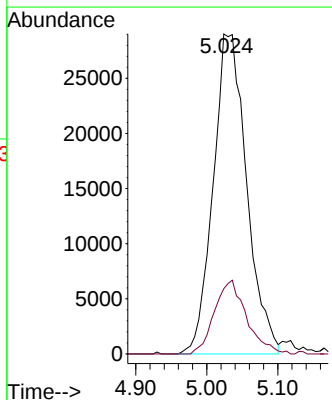
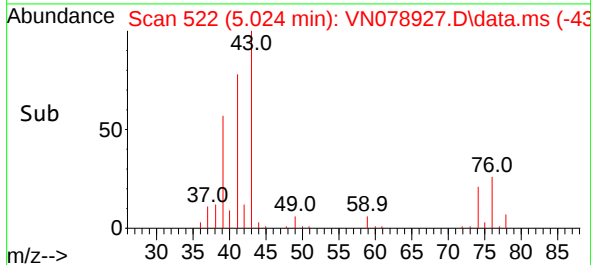
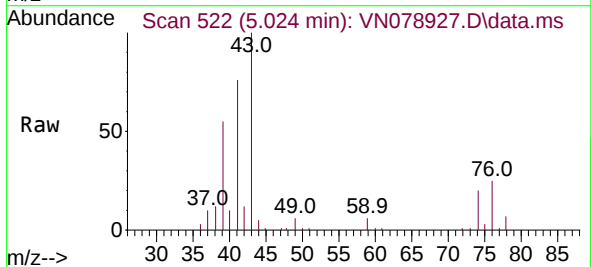


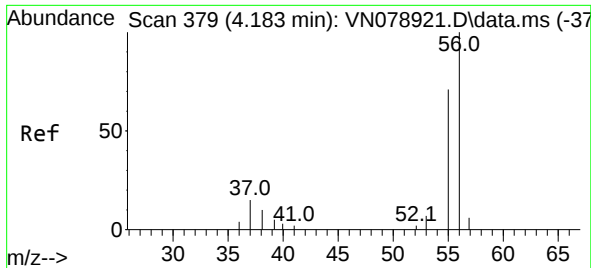
Tgt Ion:142 Resp: 45928
Ion Ratio Lower Upper
142 100
127 50.4 24.3 72.9
141 15.0 7.3 22.0



#12
Methyl Acetate
Concen: 19.338 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 43 Resp: 95097
Ion Ratio Lower Upper
43 100
74 20.2 17.5 26.3





#13

Acrolein

Concen: 40.041 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

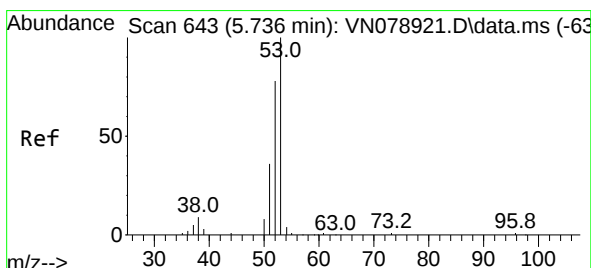
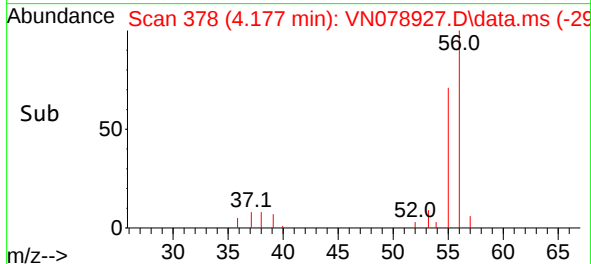
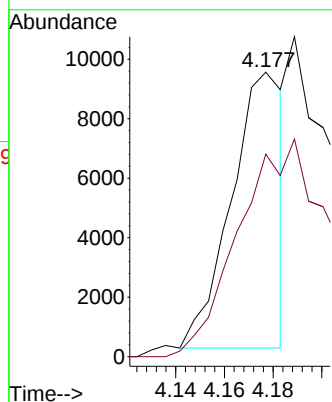
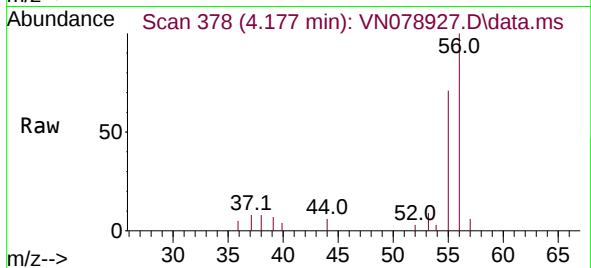
ClientSampleId :

Tgt Ion: 56 Resp: 13724

Ion Ratio Lower Upper

56 100

55 146.1 54.5 81.7#



#14

Acrylonitrile

Concen: 99.351 ug/l

RT: 5.730 min Scan# 642

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

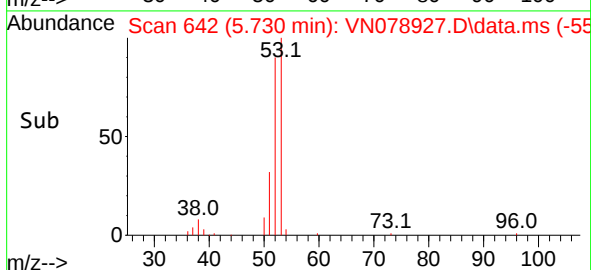
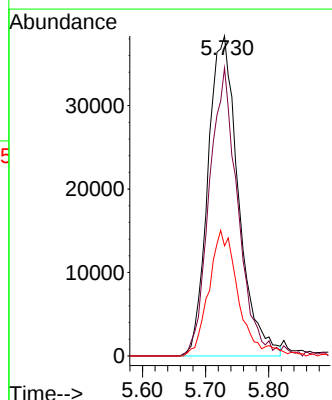
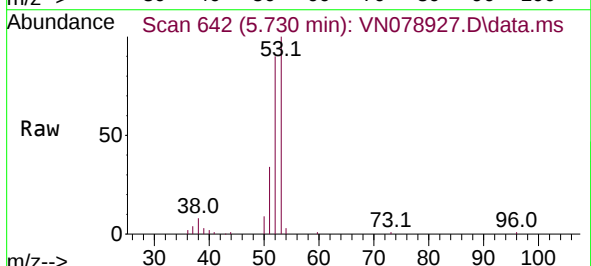
Tgt Ion: 53 Resp: 128429

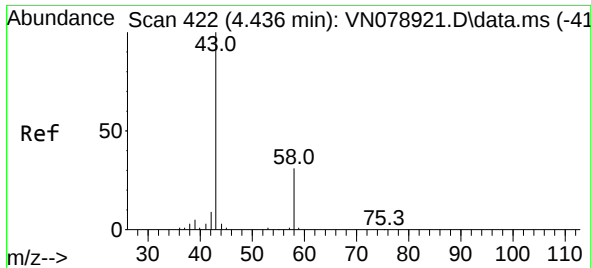
Ion Ratio Lower Upper

53 100

52 83.1 41.9 125.6

51 36.5 10.1 30.1#

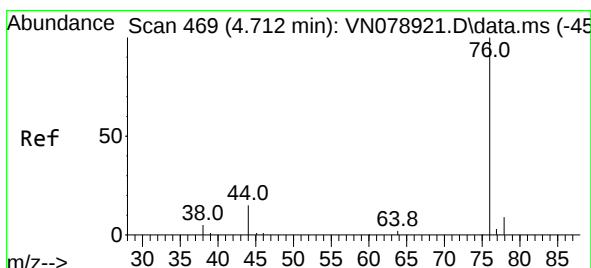
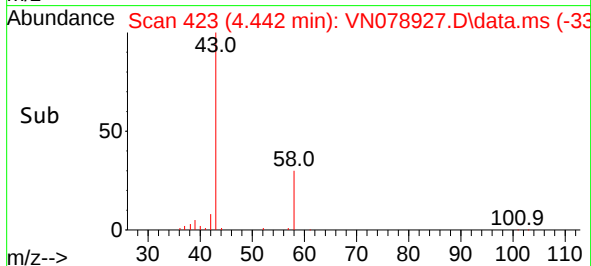
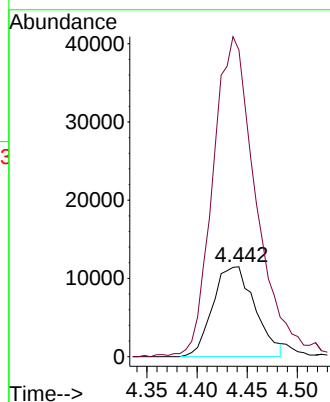
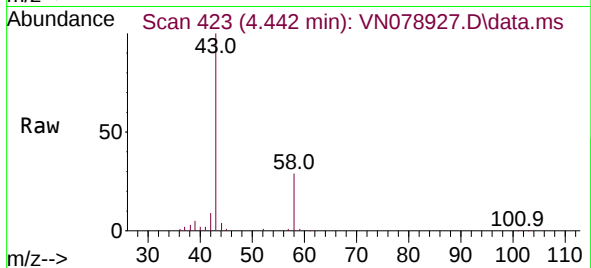




#15
Acetone
Concen: 84.746 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

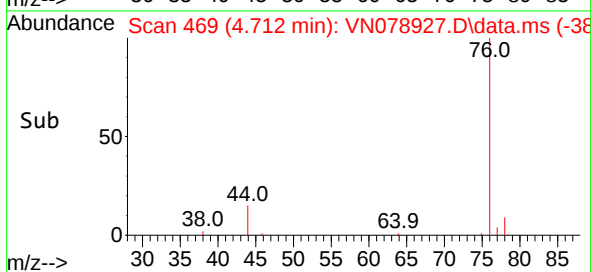
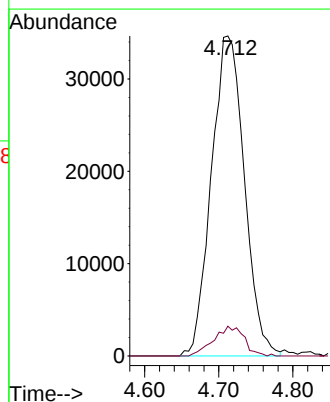
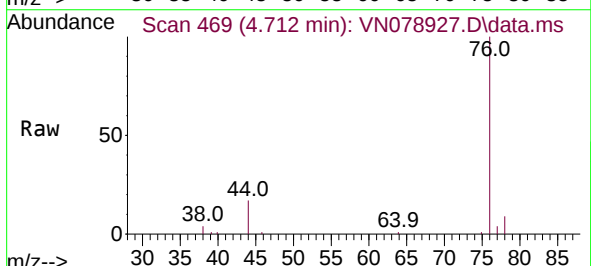
Instrument :
MSVOA_N
ClientSampleId :

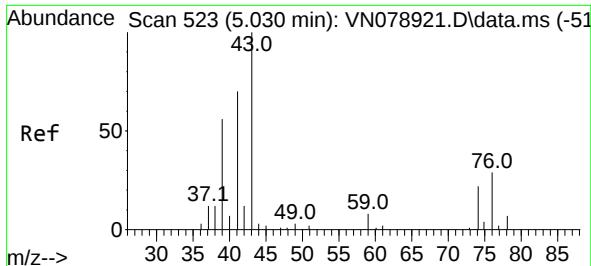
Tgt Ion: 58 Resp: 33605
Ion Ratio Lower Upper
58 100
43 337.6 260.6 390.8



#16
Carbon Disulfide
Concen: 17.795 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 76 Resp: 107270
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6





#17

Allyl chloride

Concen: 17.718 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.006 min

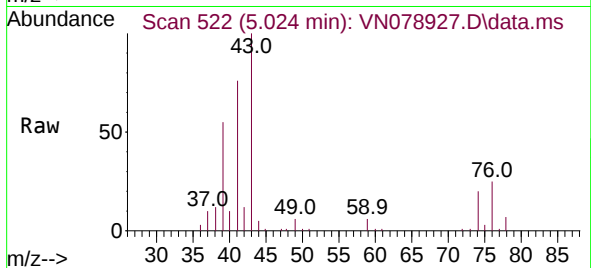
Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :



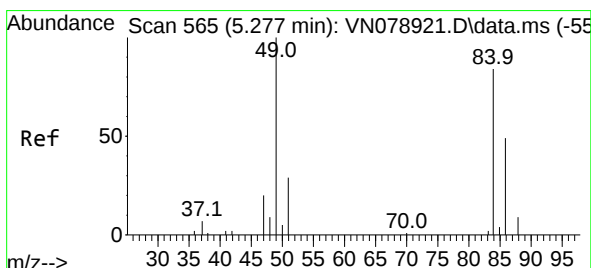
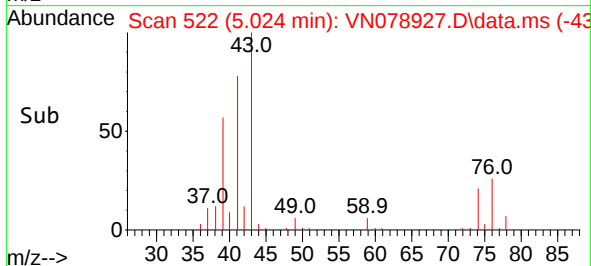
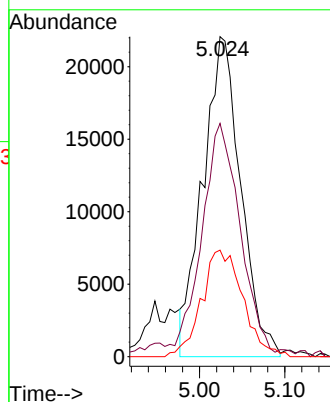
Tgt Ion: 41 Resp: 68131

Ion Ratio Lower Upper

41 100

39 71.5 36.9 110.7

76 32.6 17.3 51.9



#18

Methylene Chloride

Concen: 9.605 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Tgt Ion: 84 Resp: 24090

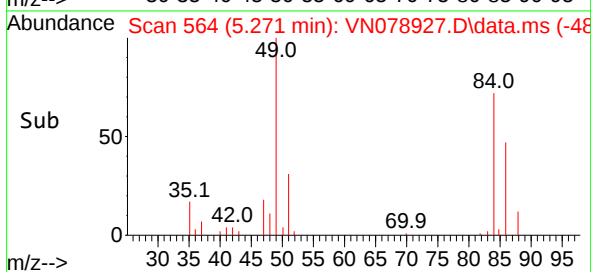
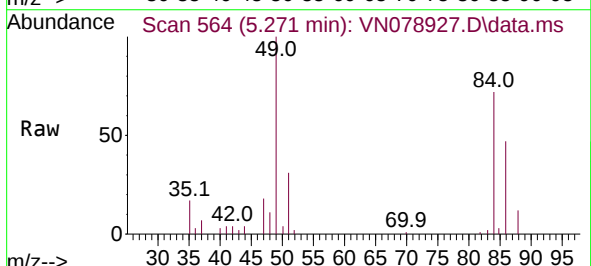
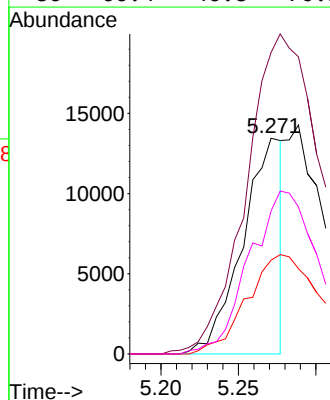
Ion Ratio Lower Upper

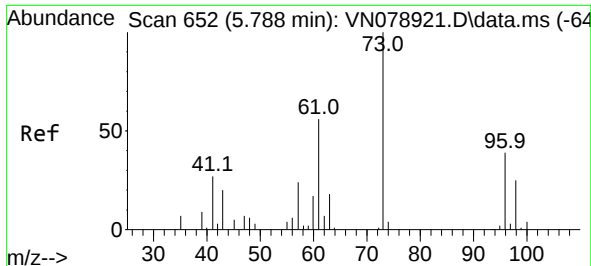
84 100

49 138.1 95.8 143.6

51 43.5 28.6 43.0#

86 66.4 46.8 70.2





#19

trans-1,2-Dichloroethene

Concen: 9.353 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

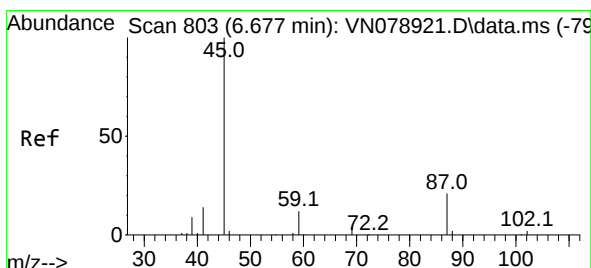
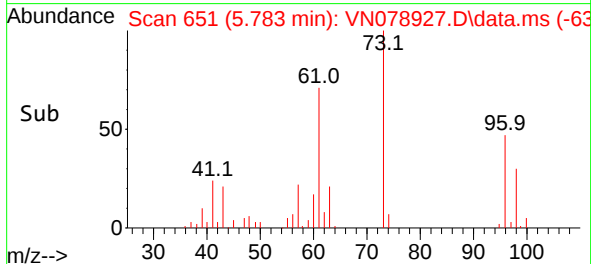
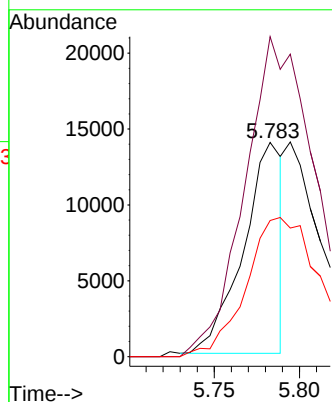
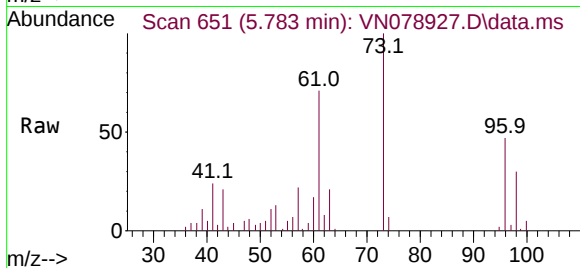
Tgt Ion: 96 Resp: 22084

Ion Ratio Lower Upper

96 100

61 151.8 114.0 171.0

98 64.6 50.6 76.0



#20

Diisopropyl ether

Concen: 19.733 ug/l

RT: 6.683 min Scan# 804

Delta R.T. 0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Tgt Ion: 45 Resp: 165058

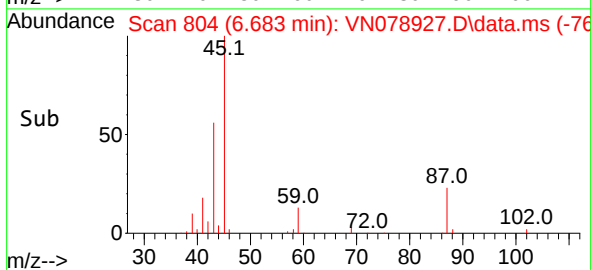
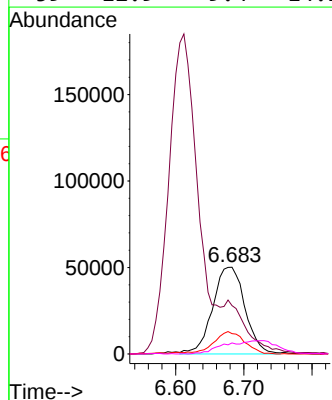
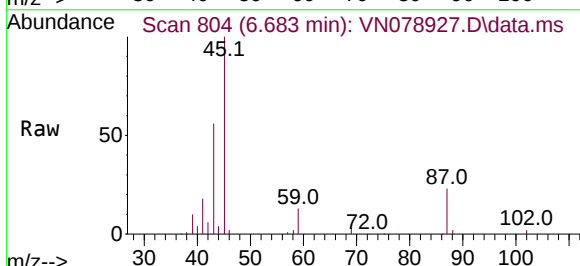
Ion Ratio Lower Upper

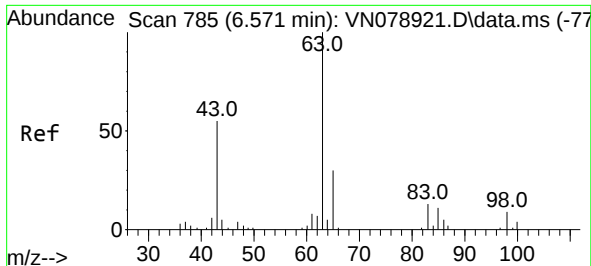
45 100

43 51.7 37.4 56.2

87 23.7 17.3 25.9

59 12.9 9.4 14.2





#21

1,1-Dichloroethane

Concen: 19.142 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

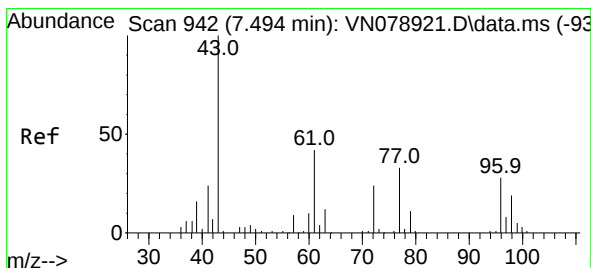
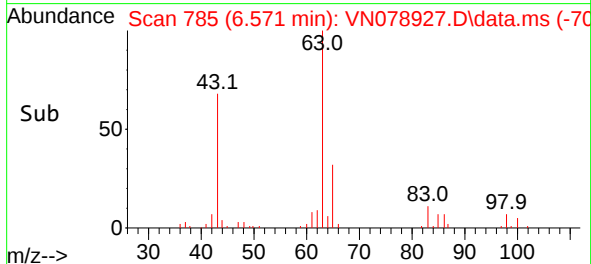
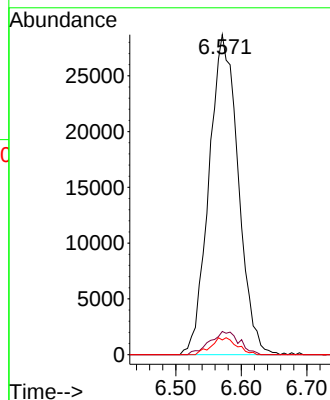
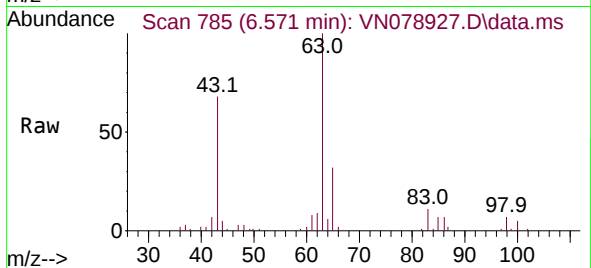
Tgt Ion: 63 Resp: 88849

Ion Ratio Lower Upper

63 100

98 7.3 4.4 13.2

100 4.6 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 18.726 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

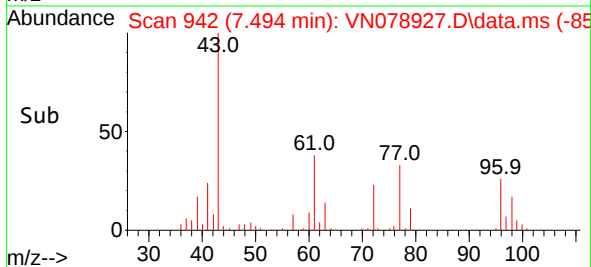
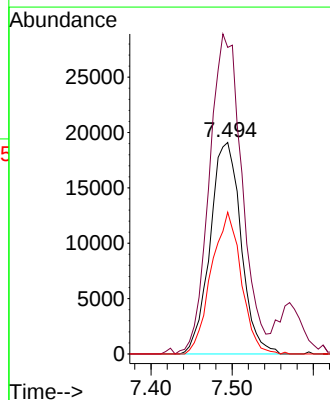
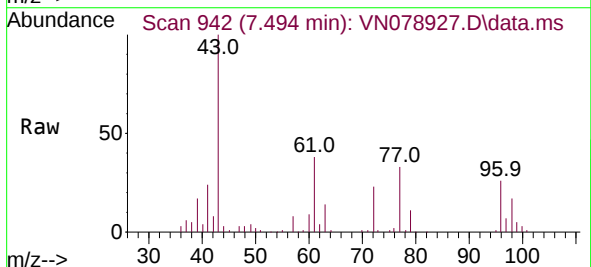
Tgt Ion: 96 Resp: 50605

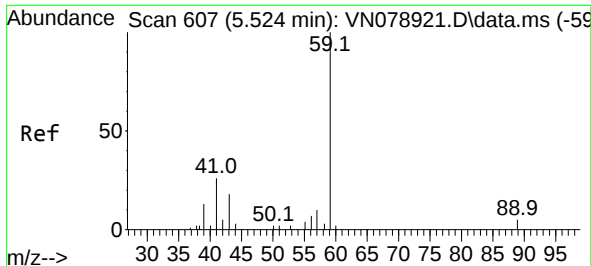
Ion Ratio Lower Upper

96 100

61 159.1 121.8 182.6

98 64.6 50.7 76.1

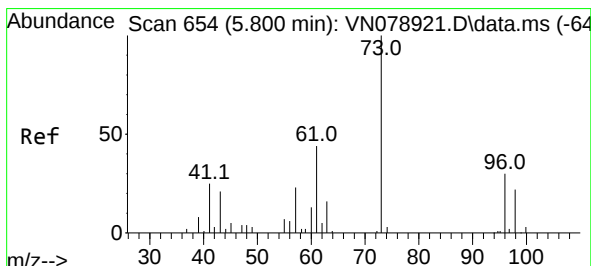
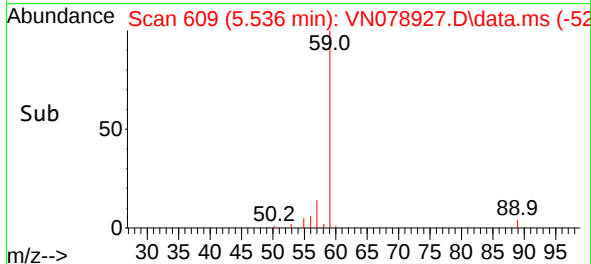
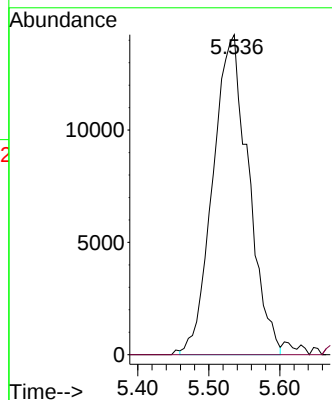
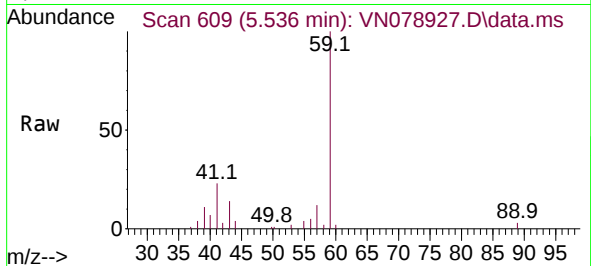




#23
tert-Butyl Alcohol
Concen: 102.981 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

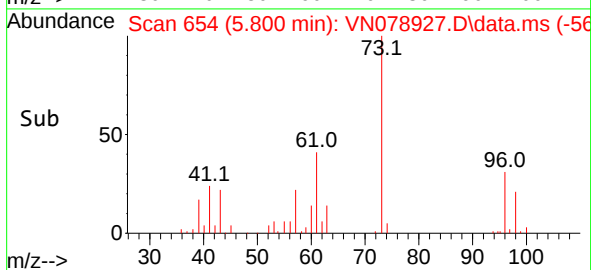
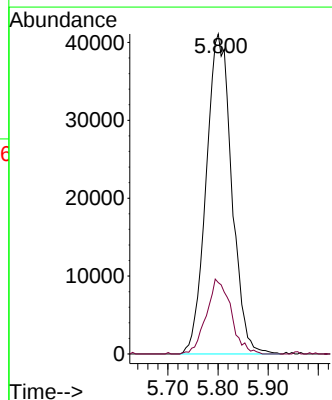
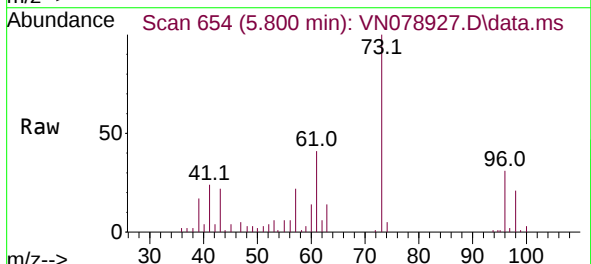
Instrument :
MSVOA_N
ClientSampleId :

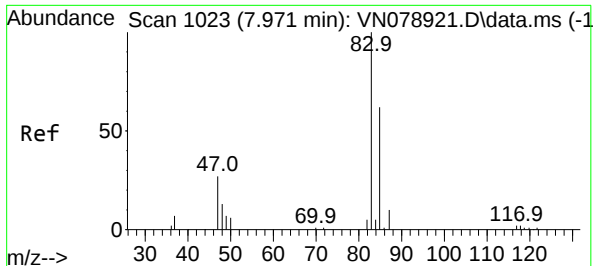
Tgt Ion: 59 Resp: 49656
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.517 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 73 Resp: 145345
Ion Ratio Lower Upper
73 100
43 22.5 17.3 25.9





#25

Chloroform

Concen: 19.032 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

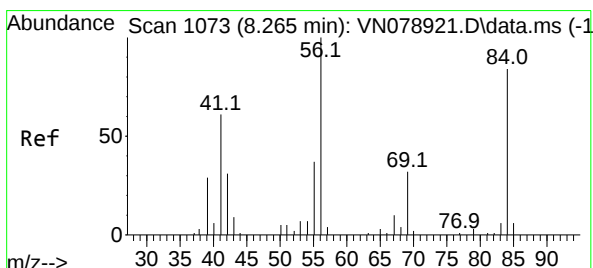
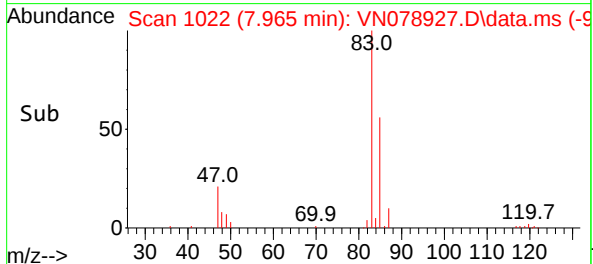
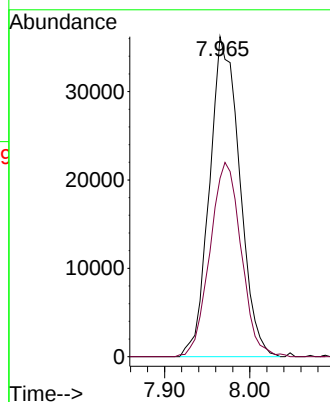
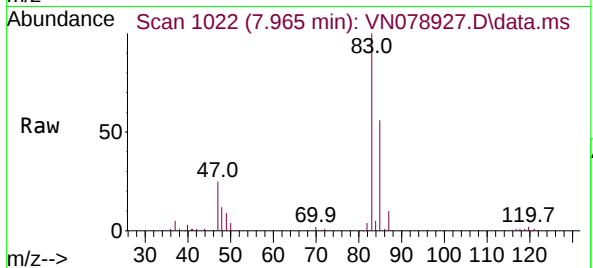
ClientSampleId :

Tgt Ion: 83 Resp: 88992

Ion Ratio Lower Upper

83 100

85 55.1 49.6 74.4



#26

Cyclohexane

Concen: 17.523 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

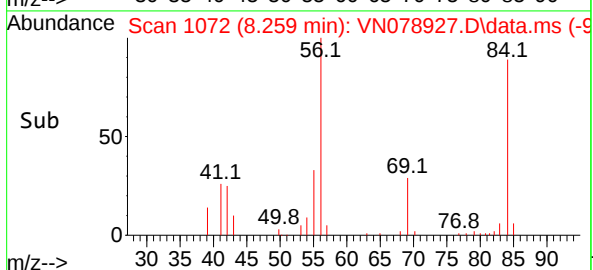
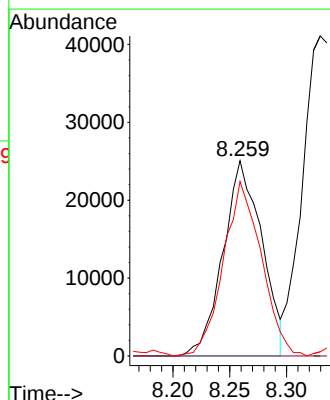
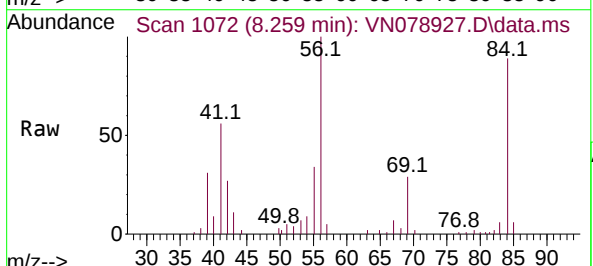
Tgt Ion: 56 Resp: 59494

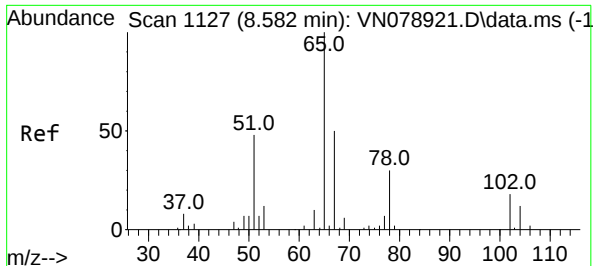
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.7 70.1 105.1

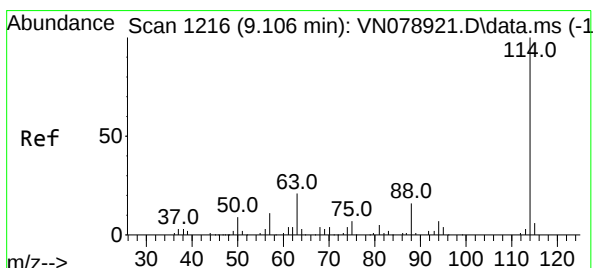
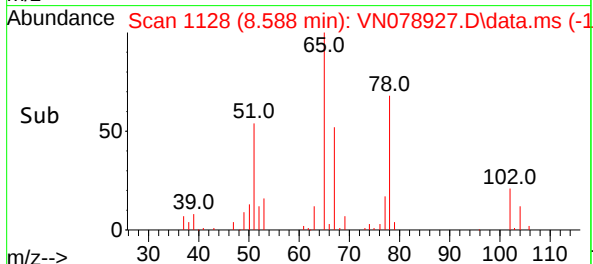
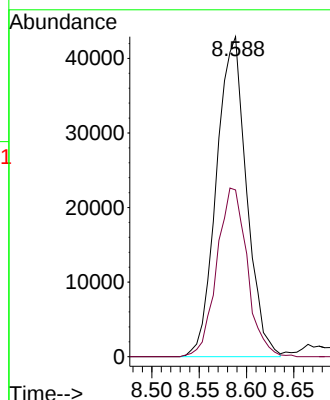
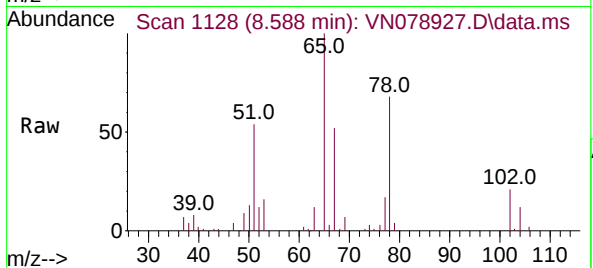




#27
1,2-Dichloroethane-d4
Concen: 29.511 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

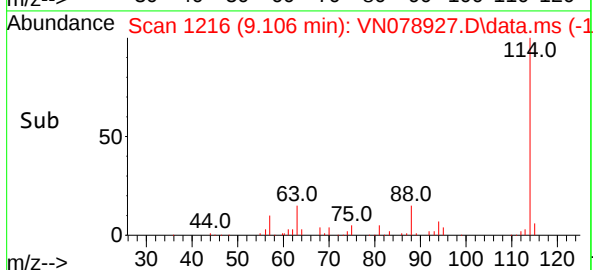
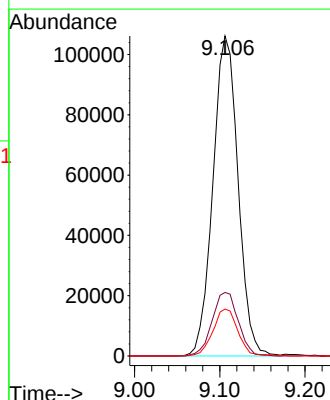
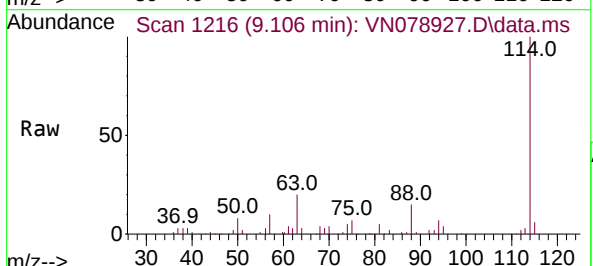
Instrument :
MSVOA_N
ClientSampleId :

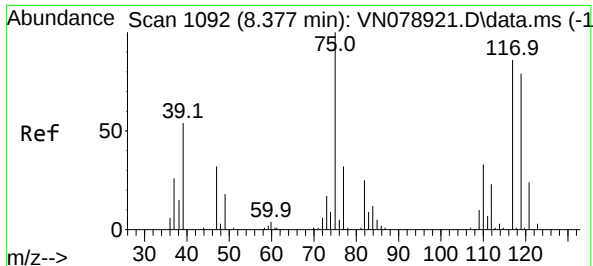
Tgt Ion: 65 Resp: 94696
Ion Ratio Lower Upper
65 100
67 53.1 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

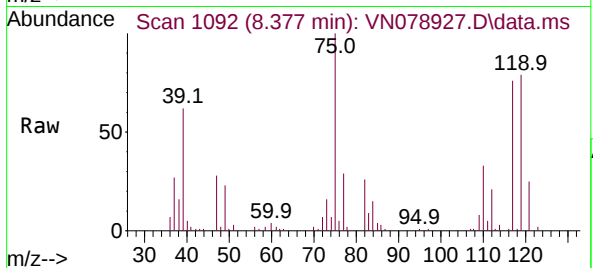
Tgt Ion: 114 Resp: 217638
Ion Ratio Lower Upper
114 100
63 20.5 17.4 26.2
88 14.4 12.0 18.0



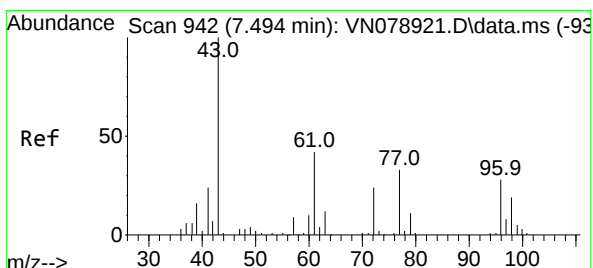
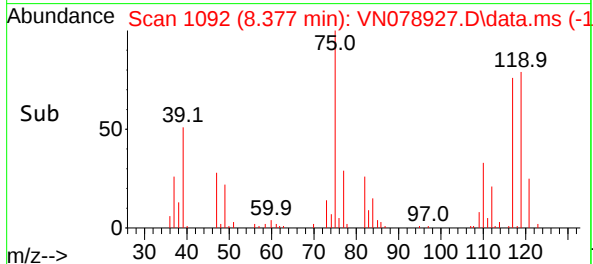
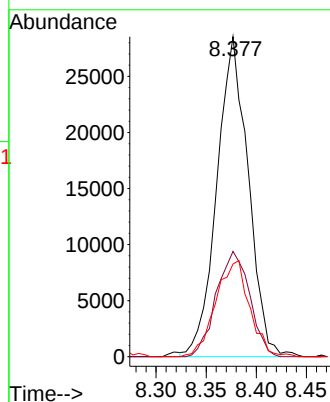


#29
1,1-Dichloropropene
Concen: 18.693 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :

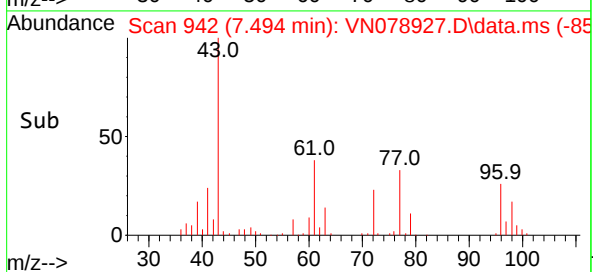
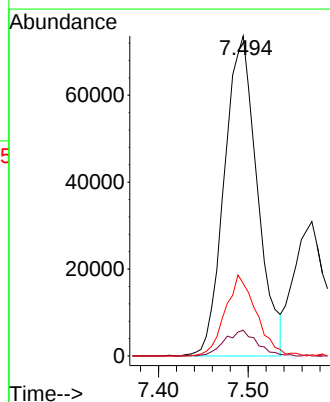
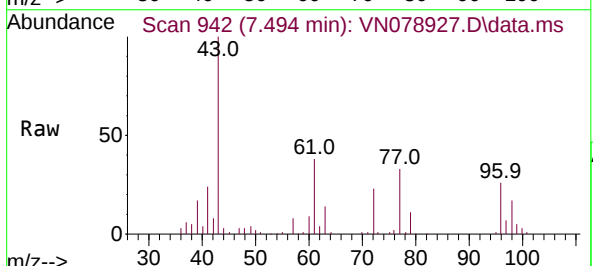


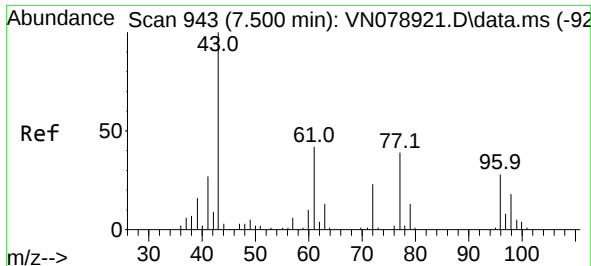
Tgt Ion:	75	Resp:	61889
Ion	Ratio	Lower	Upper
75	100		
110	35.1	0.0	65.8
77	32.5	0.0	60.4



#30
2-Butanone
Concen: 96.923 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:	43	Resp:	187852
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.4
72	23.6	19.4	29.2





#31

2,2-Dichloropropane

Concen: 18.472 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

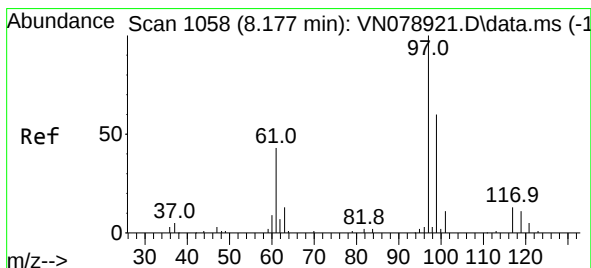
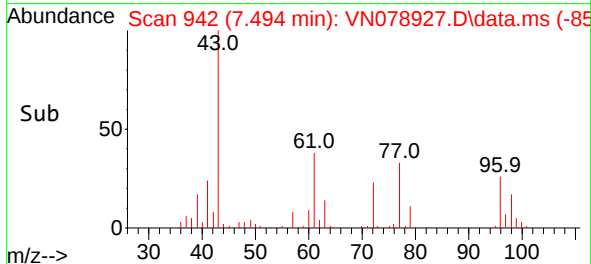
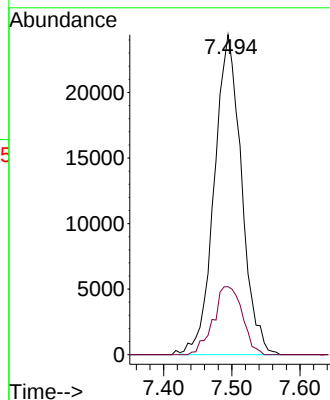
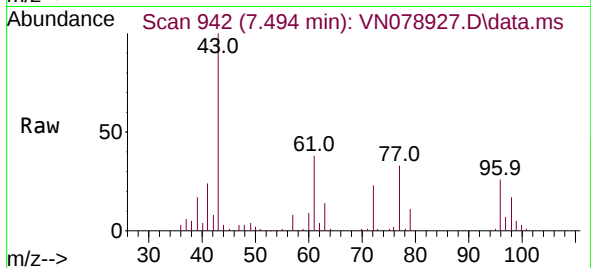
ClientSampleId :

Tgt Ion: 77 Resp: 67590

Ion Ratio Lower Upper

77 100

97 22.7 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 18.839 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

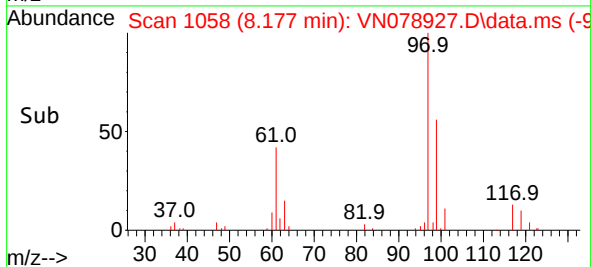
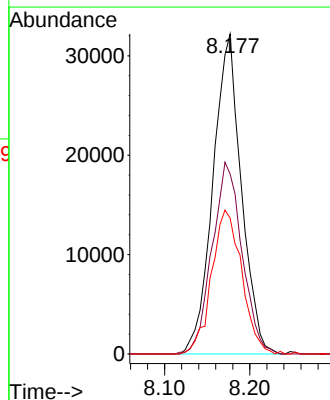
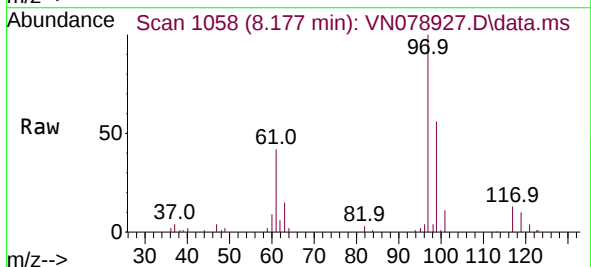
Tgt Ion: 97 Resp: 74466

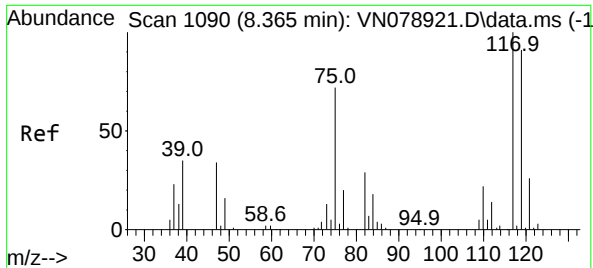
Ion Ratio Lower Upper

97 100

99 63.2 52.0 78.0

61 47.7 37.0 55.6

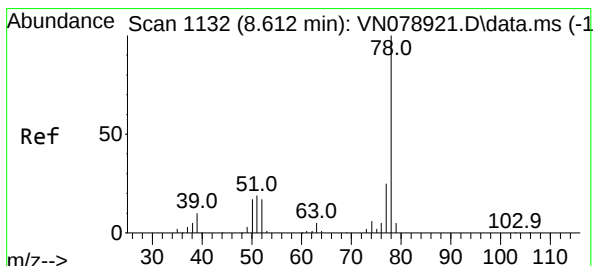
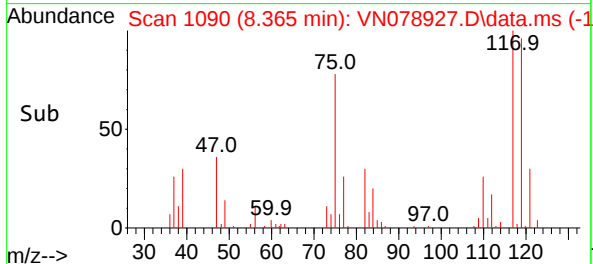
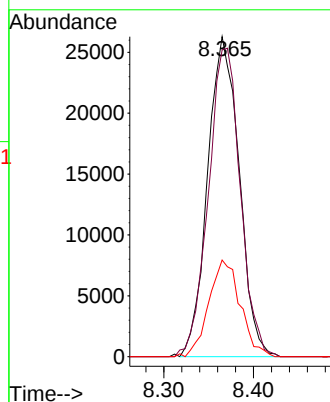
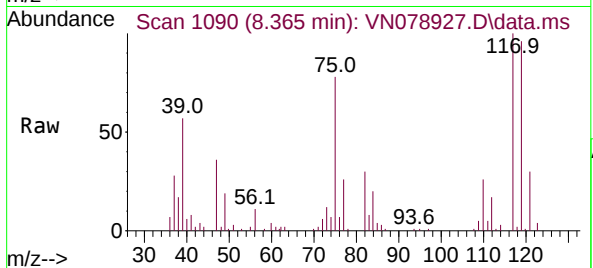




#33
Carbon Tetrachloride
Concen: 18.764 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

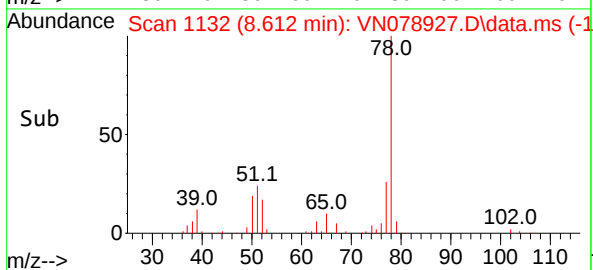
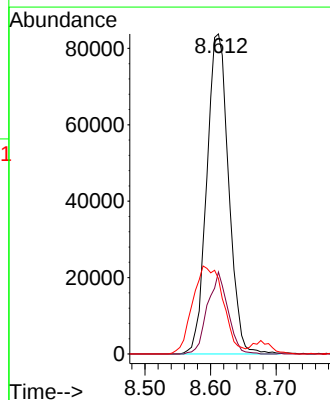
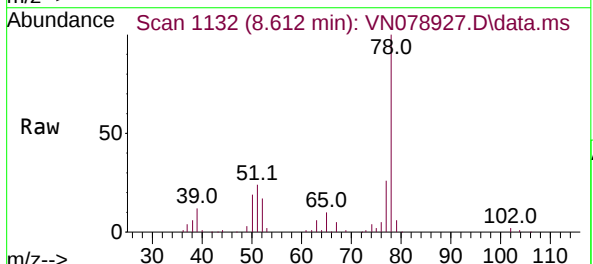
Instrument :
MSVOA_N
ClientSampleId :

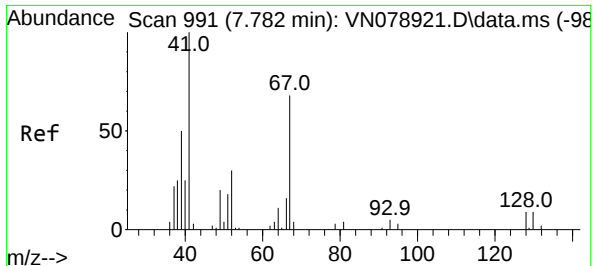
Tgt Ion:117 Resp: 64243
Ion Ratio Lower Upper
117 100
119 95.8 72.6 108.8
121 30.2 20.7 31.1



#34
Benzene
Concen: 19.592 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 78 Resp: 194383
Ion Ratio Lower Upper
78 100
77 25.6 19.9 29.9
51 23.0 14.8 22.2#

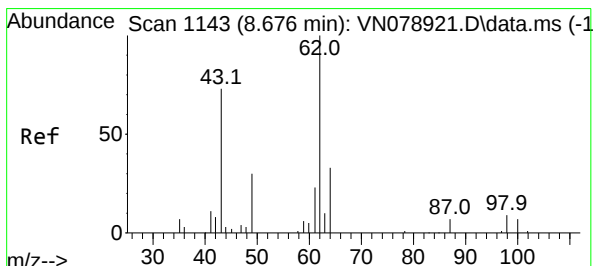
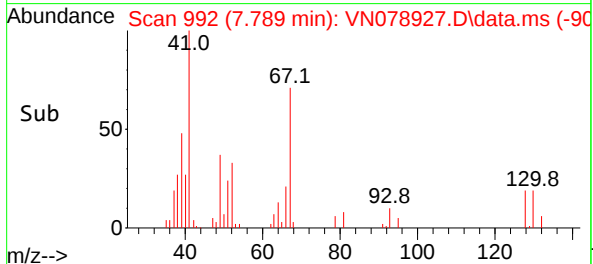
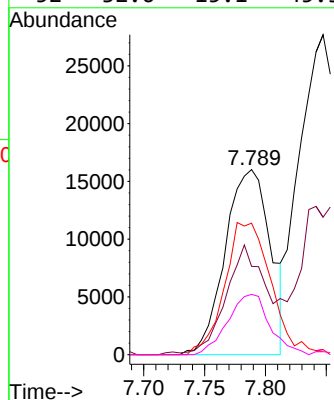
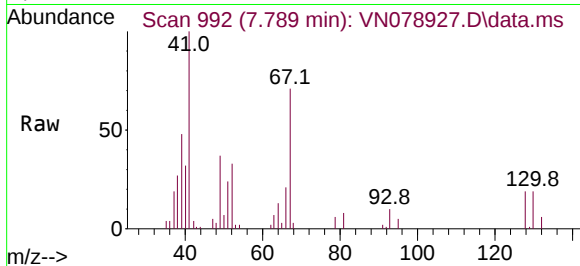




#35
Methacrylonitrile
Concen: 20.134 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

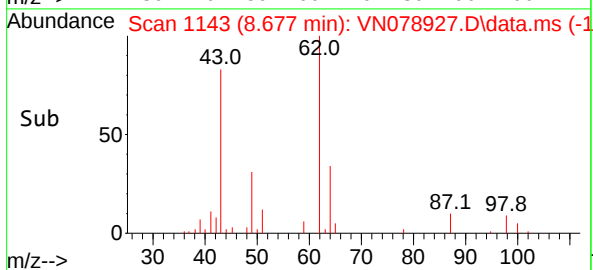
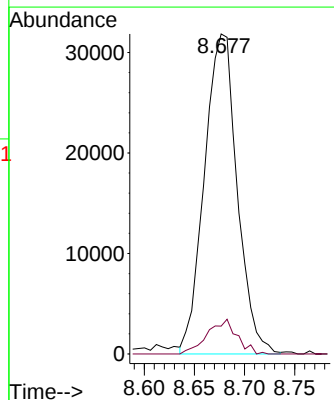
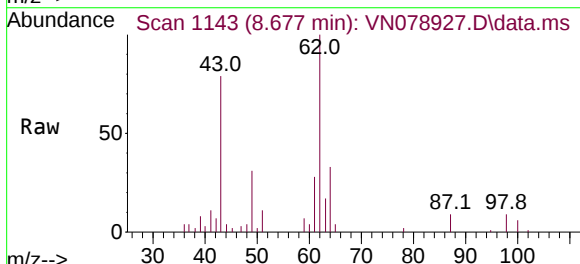
Instrument :
MSVOA_N
ClientSampleId :

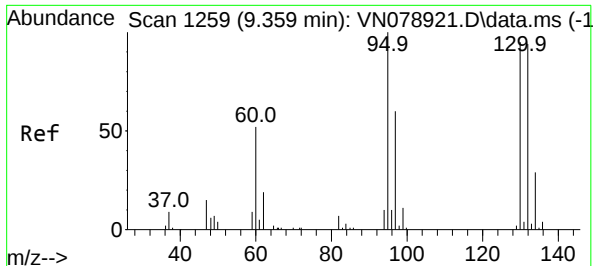
Tgt Ion: 41	Resp: 41592
Ion Ratio	Lower Upper
41 100	
39 46.7	25.0 75.0
67 71.0	34.0 102.0
52 32.6	15.1 45.3



#36
1,2-Dichloroethane
Concen: 19.529 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 62	Resp: 72557
Ion Ratio	Lower Upper
62 100	
98 9.6	8.1 12.1





#37

Trichloroethene

Concen: 18.213 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

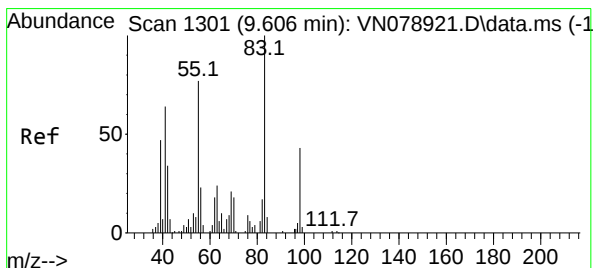
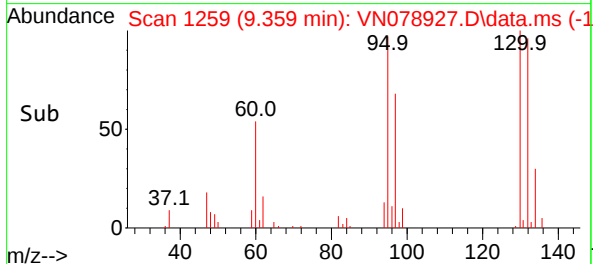
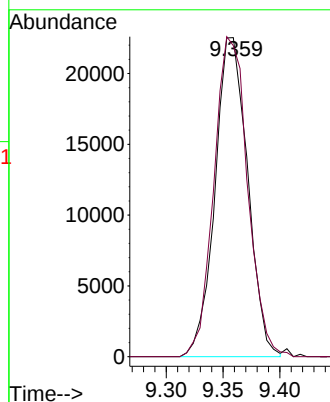
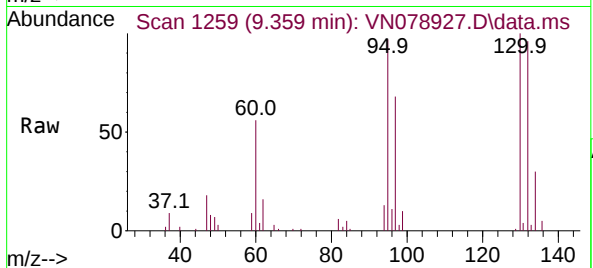
ClientSampleId :

Tgt Ion:130 Resp: 44979

Ion Ratio Lower Upper

130 100

95 97.5 84.6 127.0



#38

Methylcyclohexane

Concen: 18.120 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

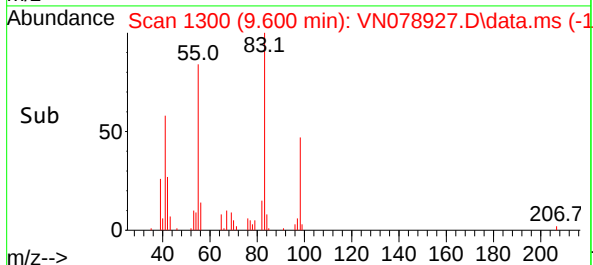
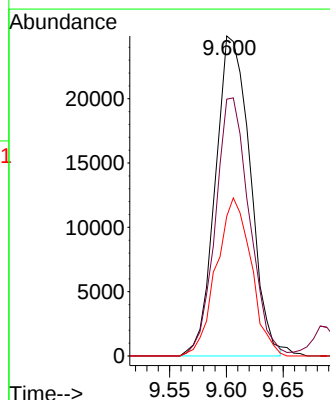
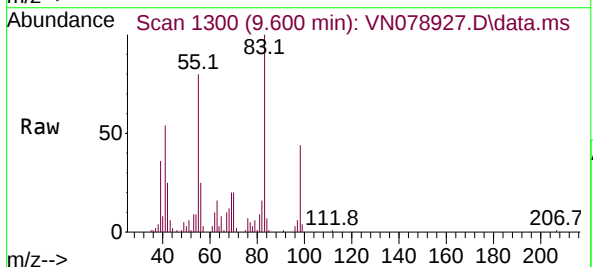
Tgt Ion: 83 Resp: 52815

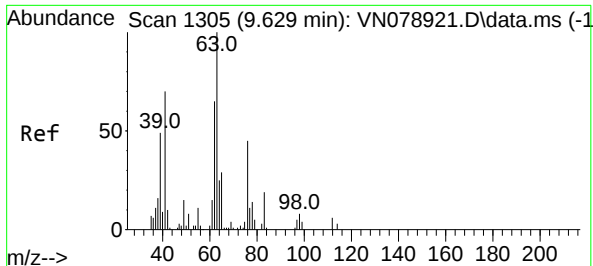
Ion Ratio Lower Upper

83 100

55 79.2 40.2 120.6

98 49.6 24.1 72.3





#39

1,2-Dichloropropane

Concen: 19.383 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

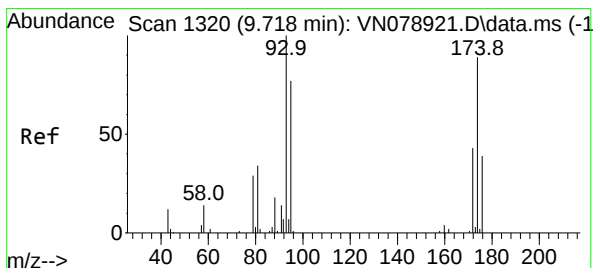
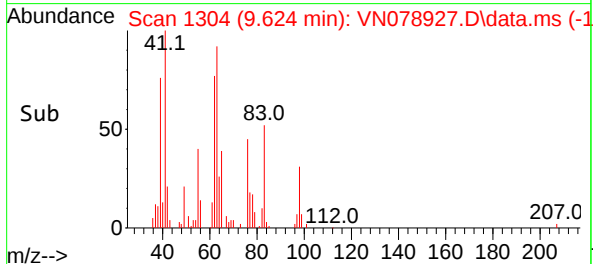
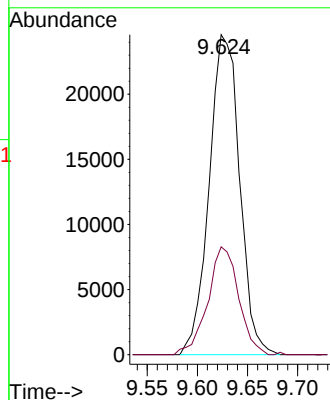
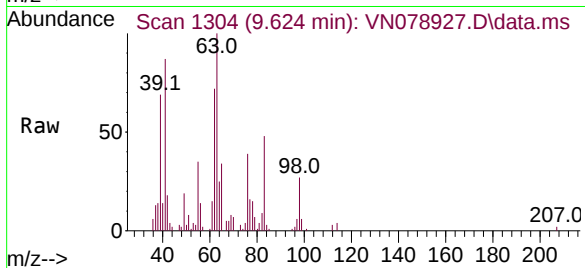
ClientSampleId :

Tgt Ion: 63 Resp: 51801

Ion Ratio Lower Upper

63 100

65 32.9 23.5 35.3



#40

Dibromomethane

Concen: 20.047 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

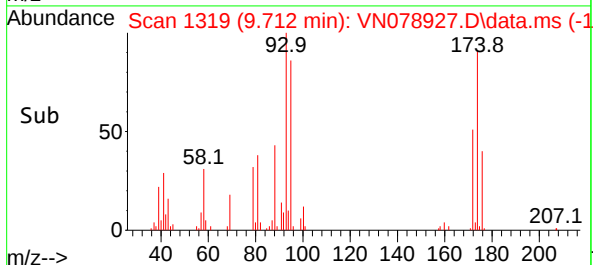
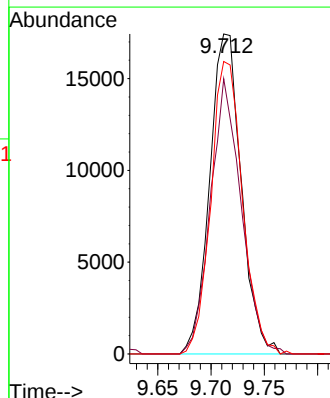
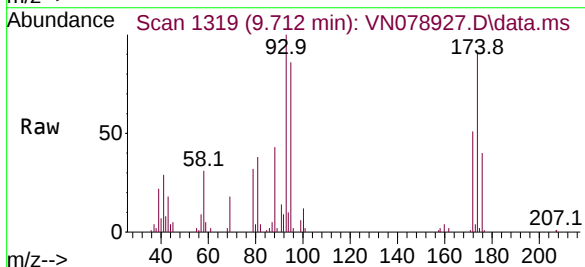
Tgt Ion: 93 Resp: 35911

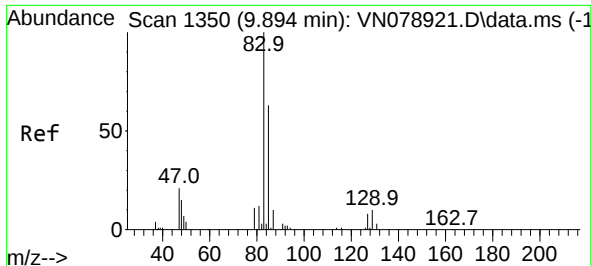
Ion Ratio Lower Upper

93 100

95 83.5 0.0 162.0

174 91.4 0.0 188.6

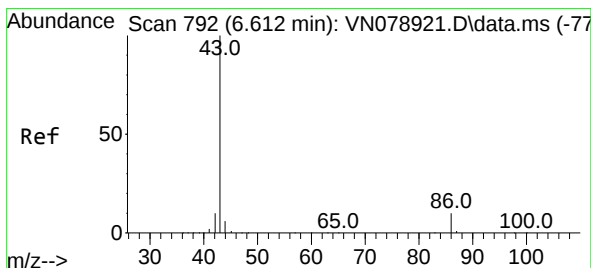
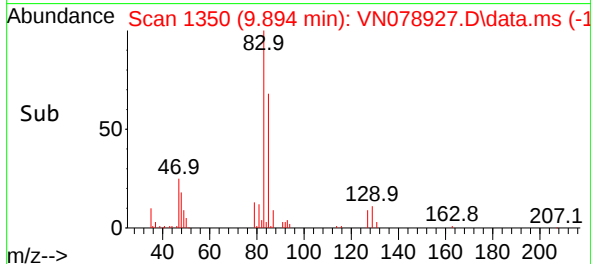
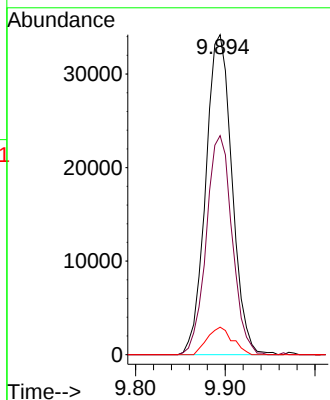
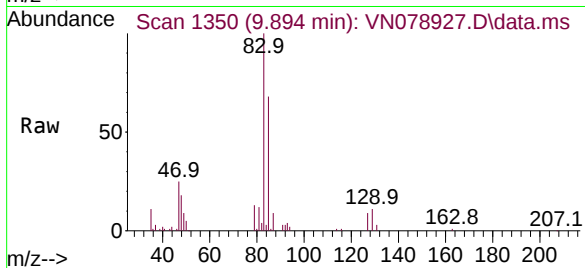




#41
Bromodichloromethane
Concen: 19.319 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

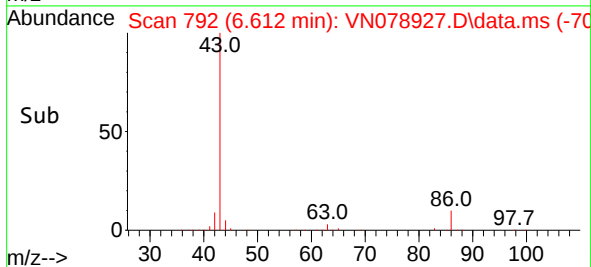
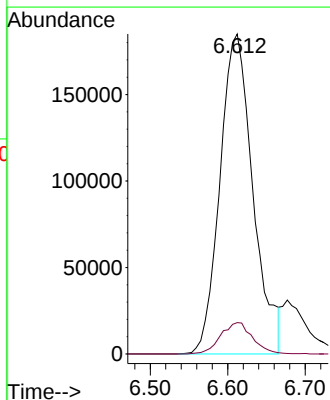
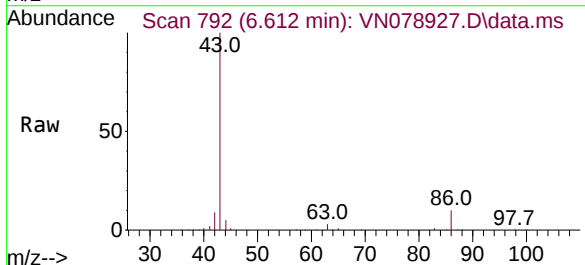
Instrument :
MSVOA_N
ClientSampleId :

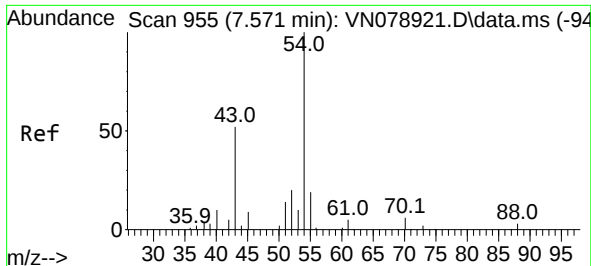
Tgt Ion: 83 Resp: 69598
Ion Ratio Lower Upper
83 100
85 68.5 50.2 75.2
127 8.6 6.2 9.4



#42
Vinyl Acetate
Concen: 100.288 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 43 Resp: 548023
Ion Ratio Lower Upper
43 100
86 9.5 7.4 11.0

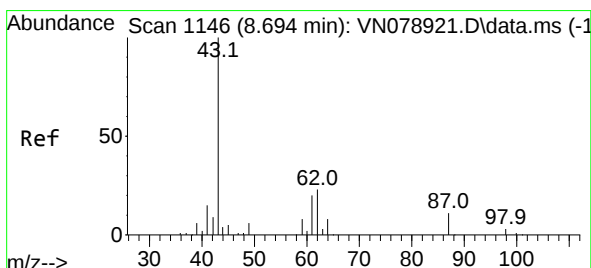
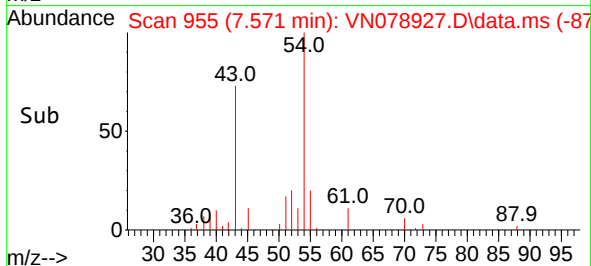
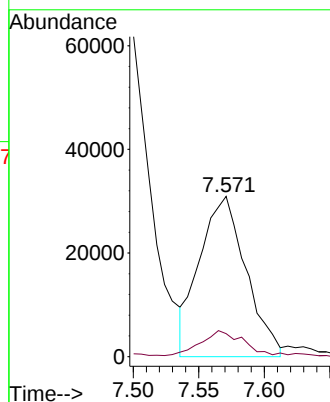
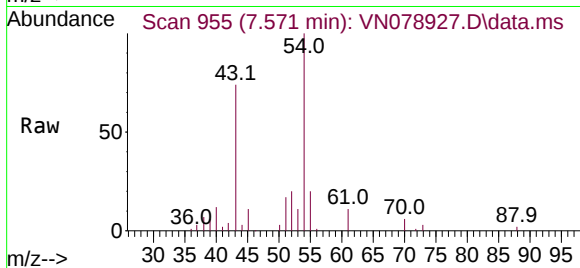




#43
Ethyl Acetate
Concen: 20.270 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

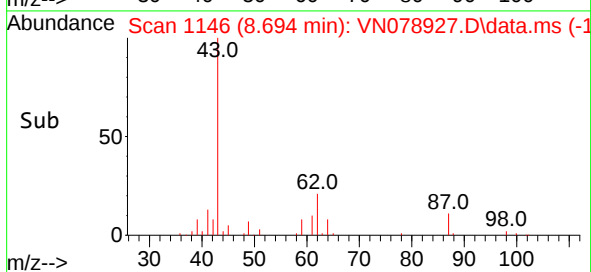
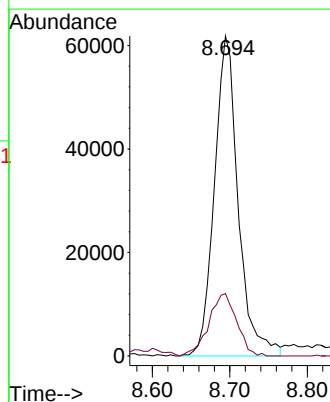
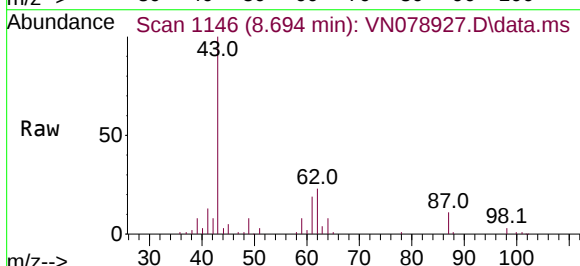
Instrument :
MSVOA_N
ClientSampleId :

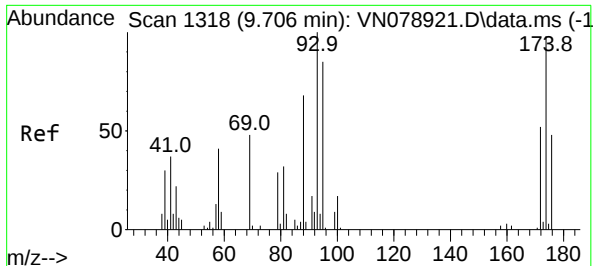
Tgt Ion: 43 Resp: 76217
Ion Ratio Lower Upper
43 100
45 15.1 9.6 14.4#



#44
Isopropyl Acetate
Concen: 19.913 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 43 Resp: 131931
Ion Ratio Lower Upper
43 100
61 22.9 19.0 28.4





#45

1,4-Dioxane

Concen: 427.707 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

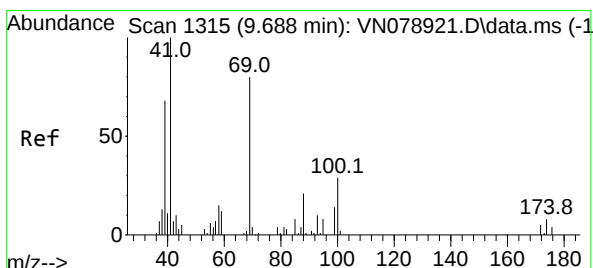
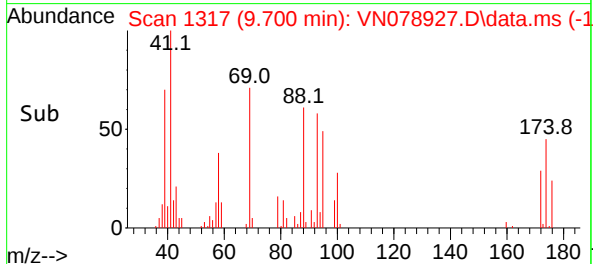
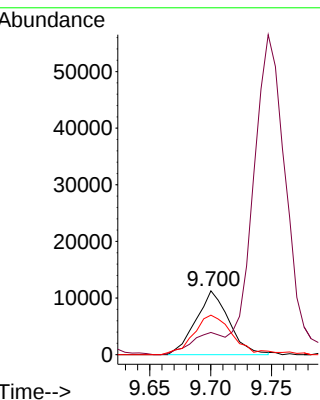
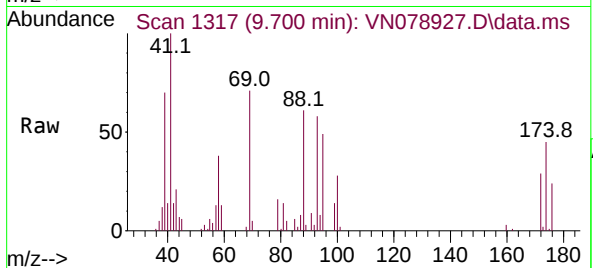
Tgt Ion: 88 Resp: 21324

Ion Ratio Lower Upper

88 100

43 34.8 28.1 42.1

58 69.4 57.0 85.4



#46

Methyl methacrylate

Concen: 19.903 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

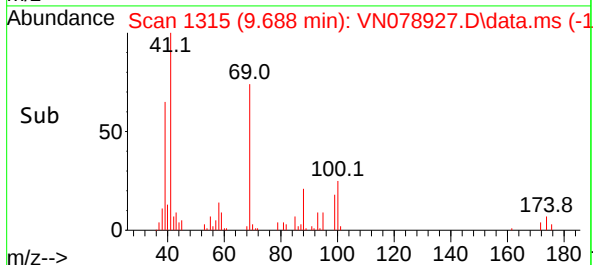
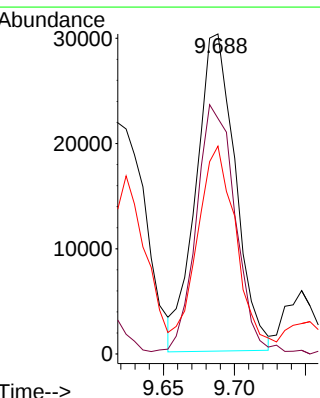
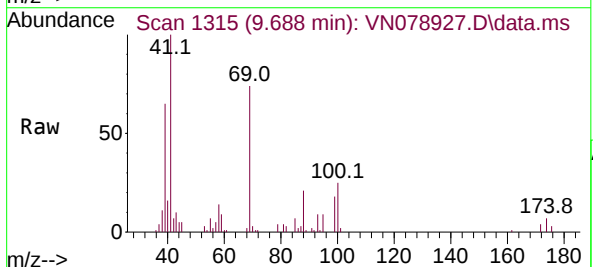
Tgt Ion: 41 Resp: 58098

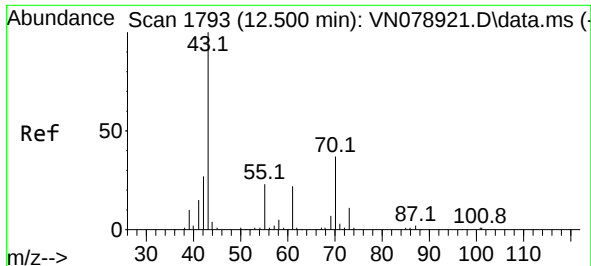
Ion Ratio Lower Upper

41 100

69 76.3 38.5 115.5

39 63.4 35.9 107.8





#47

n-amyl acetate

Concen: 19.792 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

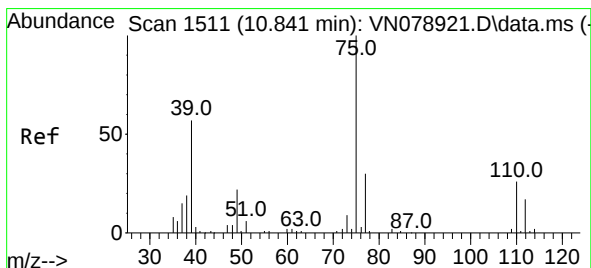
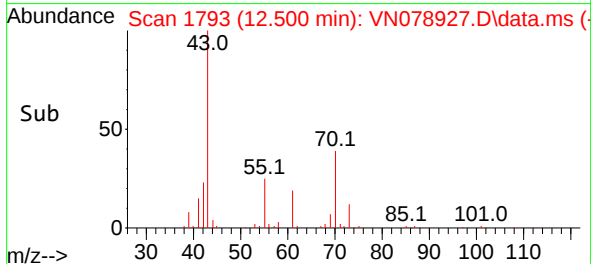
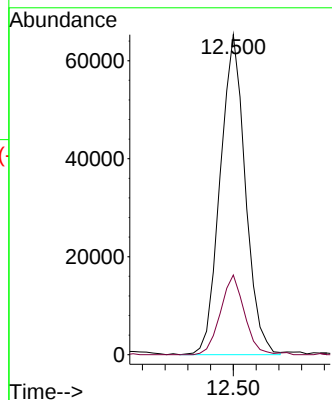
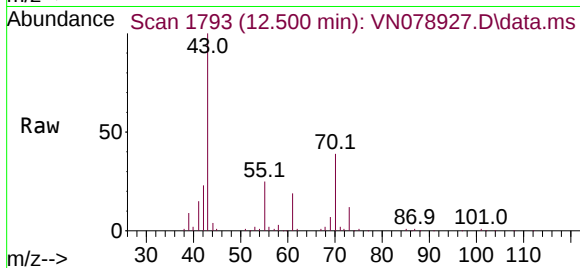
ClientSampleId :

Tgt Ion: 43 Resp: 100625

Ion Ratio Lower Upper

43 100

55 23.5 17.5 26.3



#48

t-1,3-Dichloropropene

Concen: 19.695 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078927.D

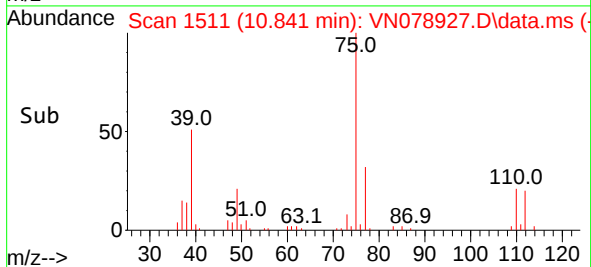
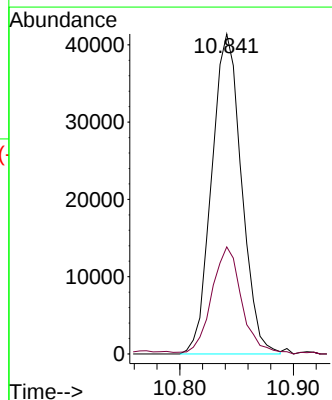
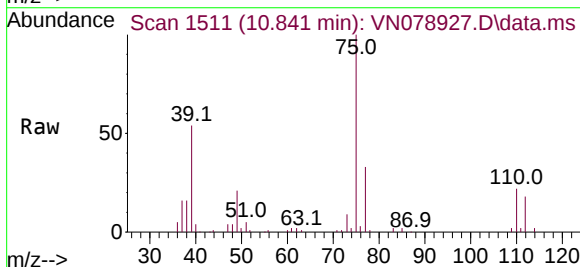
Acq: 17 Aug 2023 15:40

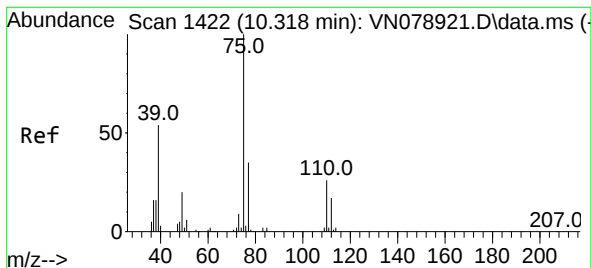
Tgt Ion: 75 Resp: 75565

Ion Ratio Lower Upper

75 100

77 32.9 23.7 35.5





#49

cis-1,3-Dichloropropene

Concen: 19.984 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

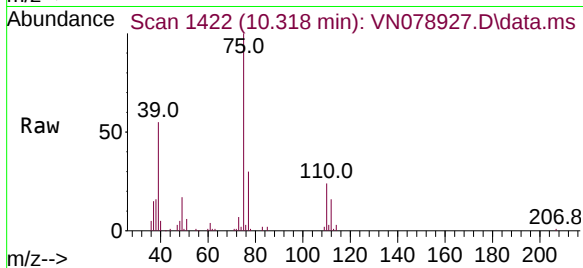
Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :



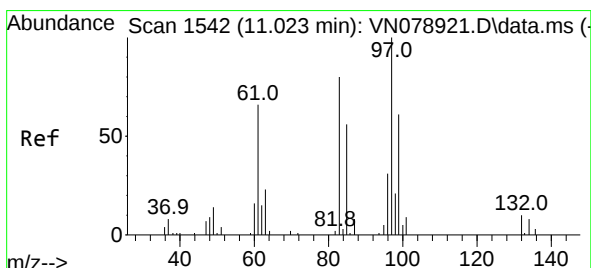
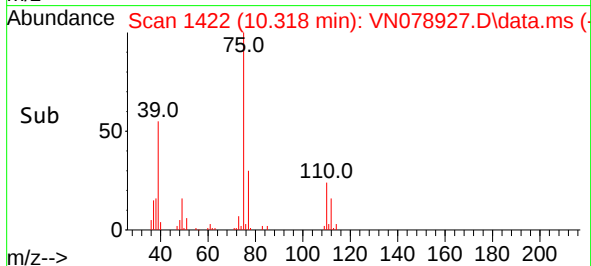
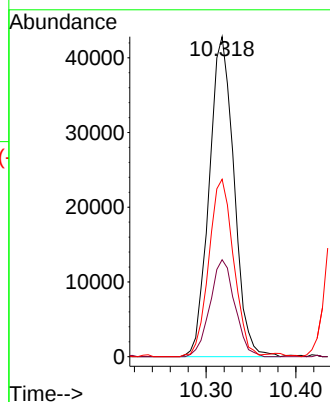
Tgt Ion: 75 Resp: 82219

Ion Ratio Lower Upper

75 100

77 30.3 27.8 41.8

39 55.4 43.5 65.3



#50

1,1,2-Trichloroethane

Concen: 19.800 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Tgt Ion: 97 Resp: 47932

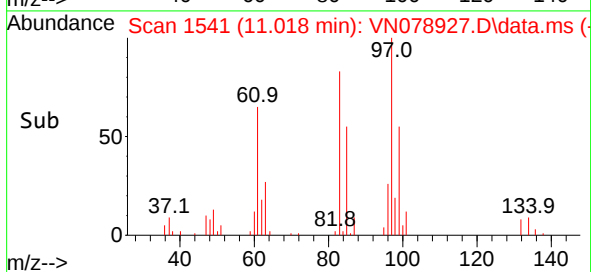
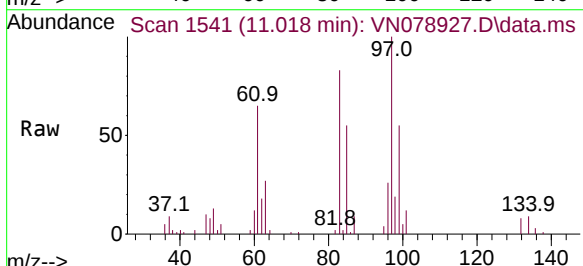
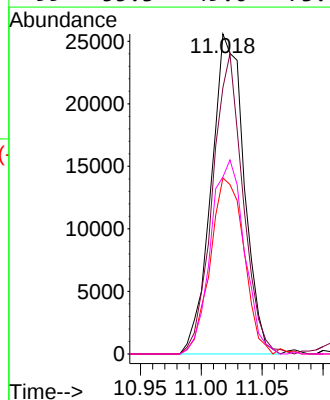
Ion Ratio Lower Upper

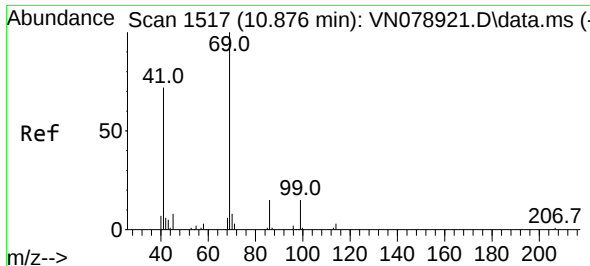
97 100

83 83.2 63.7 95.5

85 55.0 44.9 67.3

99 55.3 49.0 73.4

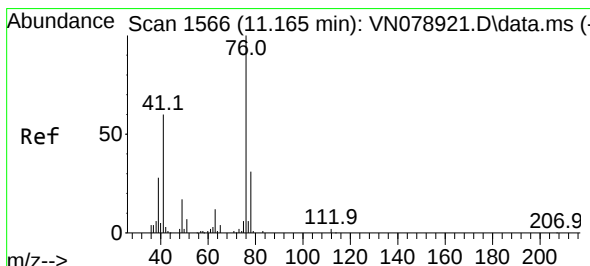
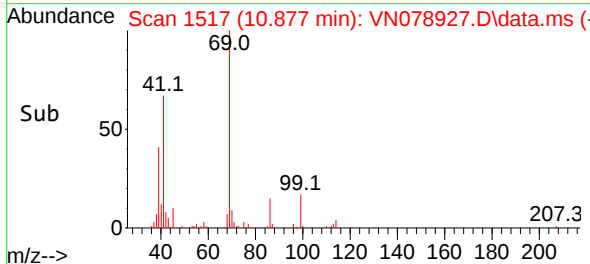
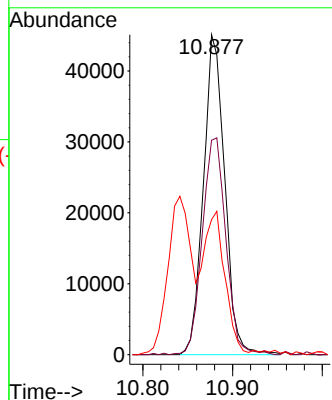
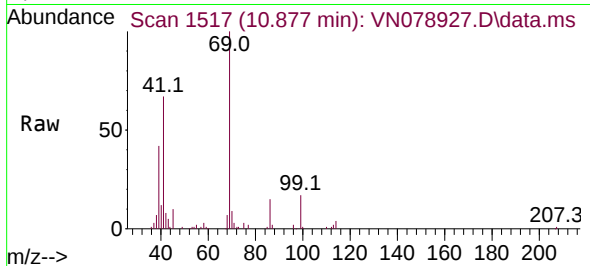




#51
Ethyl methacrylate
Concen: 19.906 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

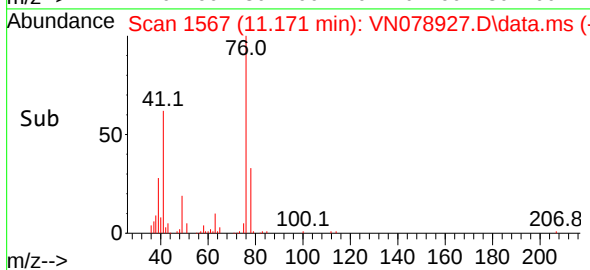
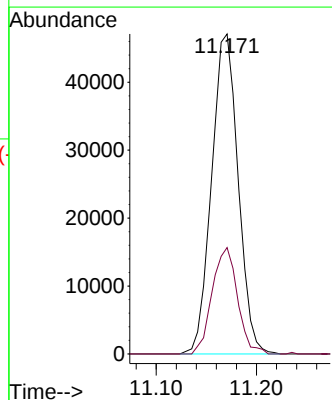
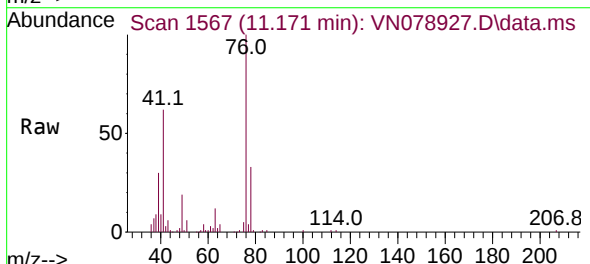
Instrument :
MSVOA_N
ClientSampleId :

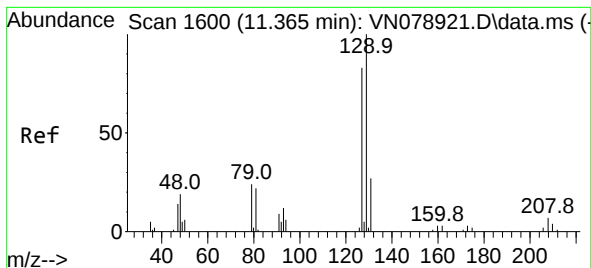
Tgt Ion: 69 Resp: 74583
Ion Ratio Lower Upper
69 100
41 67.0 35.9 107.8
39 41.8 23.5 70.5



#52
1,3-Dichloropropane
Concen: 19.988 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 76 Resp: 86668
Ion Ratio Lower Upper
76 100
78 31.4 0.0 64.6





#53

Dibromochloromethane

Concen: 19.644 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

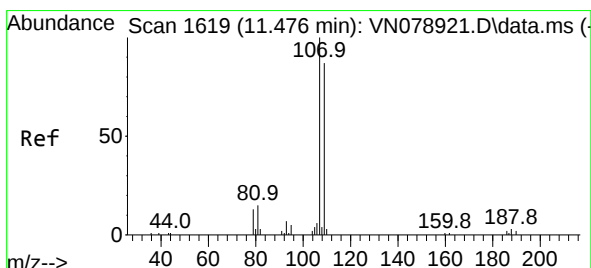
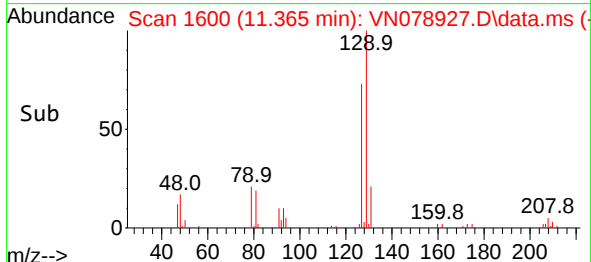
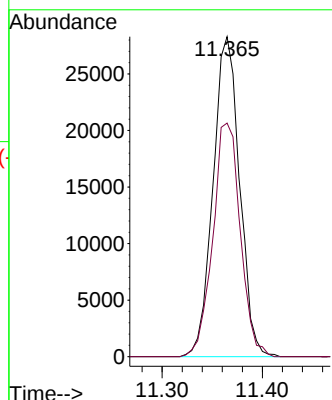
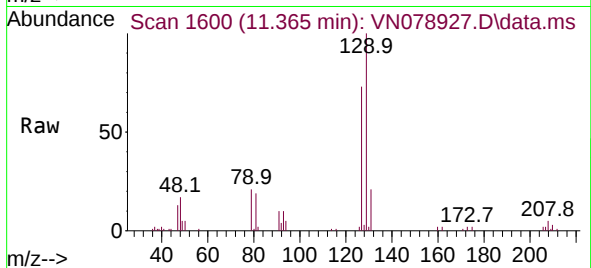
ClientSampleId :

Tgt Ion:129 Resp: 52049

Ion Ratio Lower Upper

129 100

127 75.5 40.1 120.2



#54

1,2-Dibromoethane

Concen: 19.527 ug/l

RT: 11.477 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VN078927.D

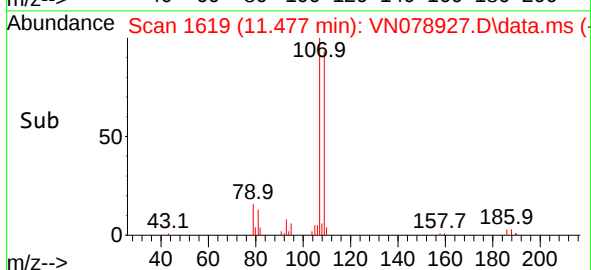
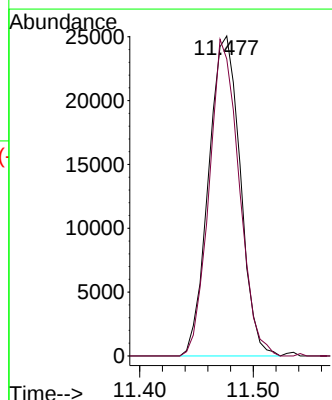
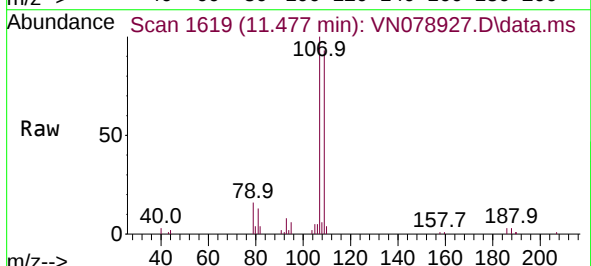
Acq: 17 Aug 2023 15:40

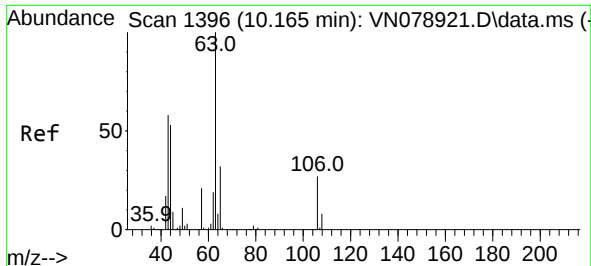
Tgt Ion:107 Resp: 48530

Ion Ratio Lower Upper

107 100

109 93.5 71.7 107.5

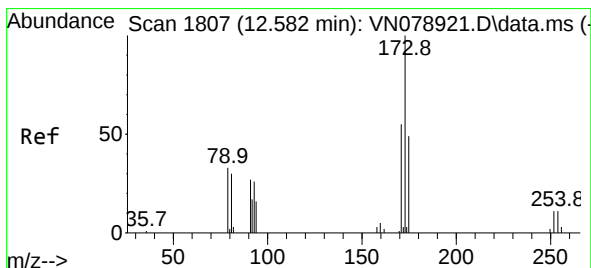
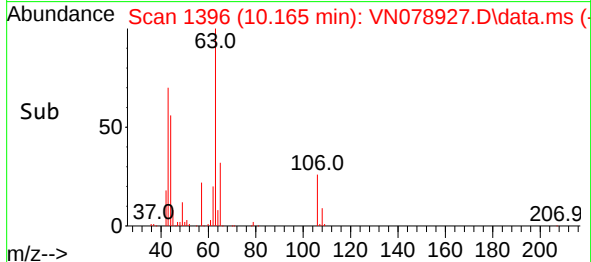
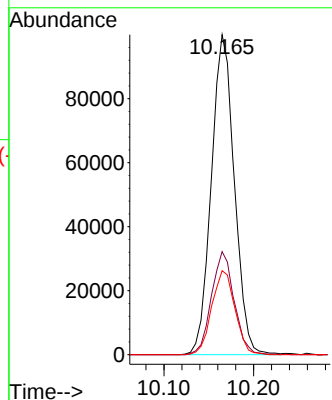
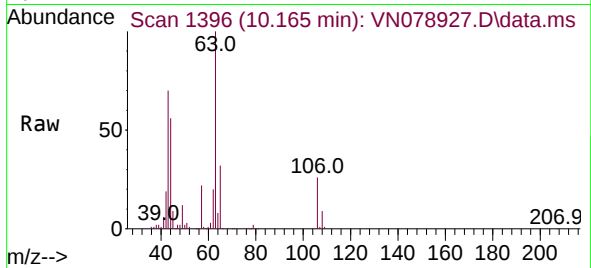




#55
2-Chloroethyl vinyl ether
Concen: 102.904 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

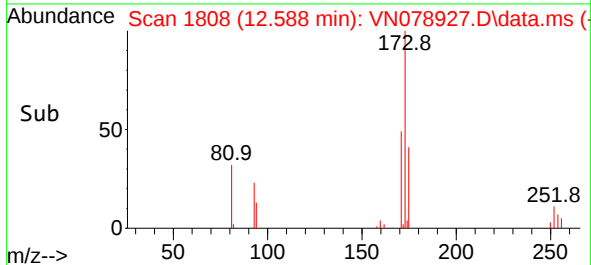
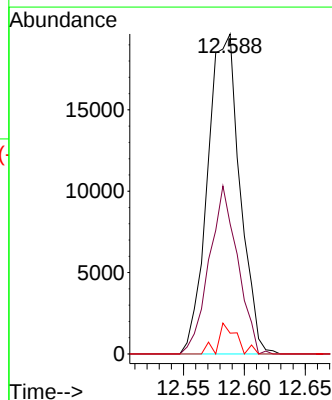
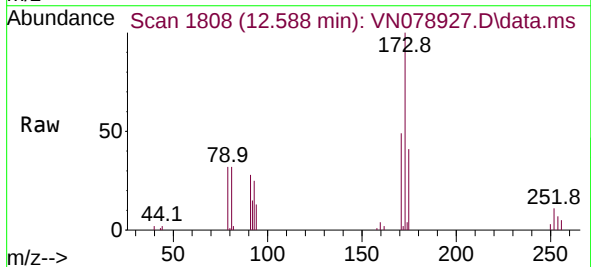
Instrument :
MSVOA_N
ClientSampleId :

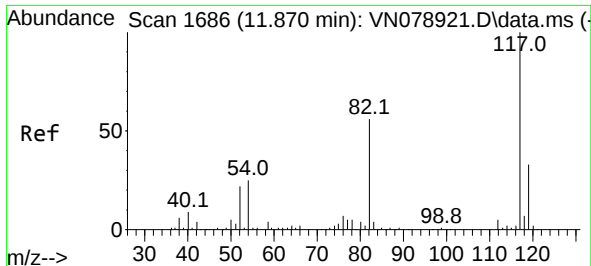
Tgt Ion: 63 Resp: 178214
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.2
106 26.4 22.3 33.5



#56
Bromoform
Concen: 19.426 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:173 Resp: 36314
Ion Ratio Lower Upper
173 100
175 46.2 38.8 58.2
254 4.3 7.6 11.4#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

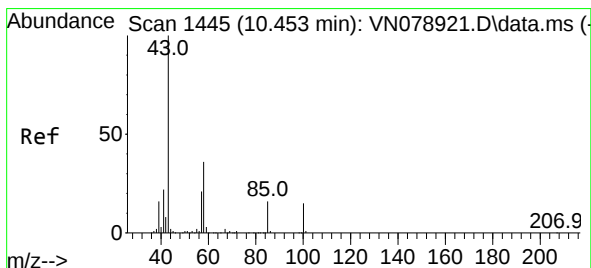
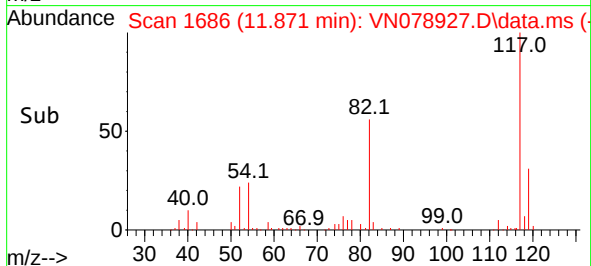
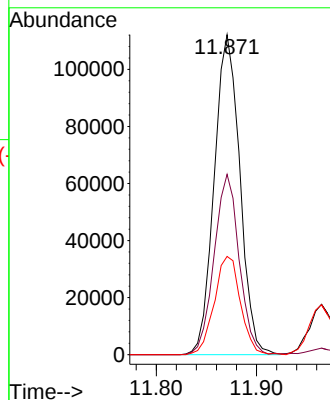
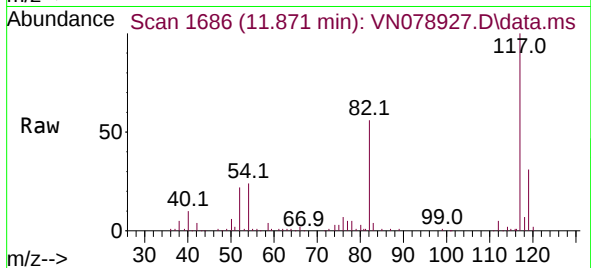
Tgt Ion:117 Resp: 199114

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 31.3 25.5 38.3



#58

4-Methyl-2-Pentanone

Concen: 98.342 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

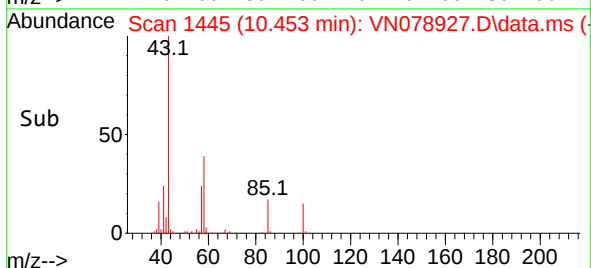
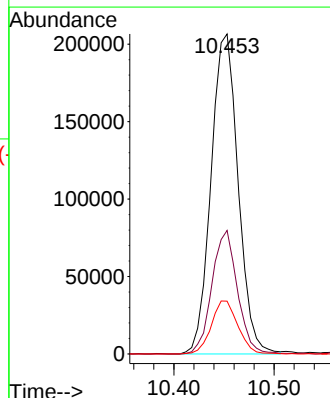
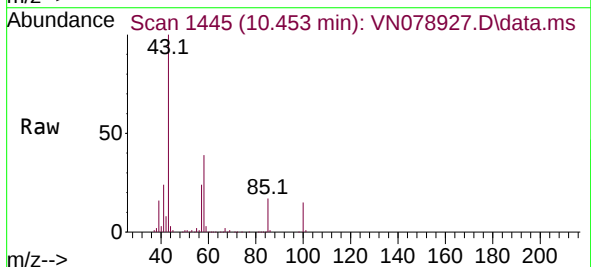
Tgt Ion: 43 Resp: 388499

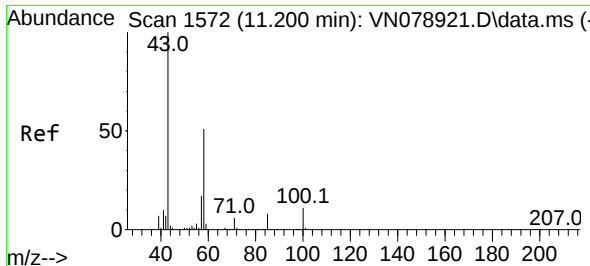
Ion Ratio Lower Upper

43 100

58 36.4 28.8 43.2

85 16.3 12.7 19.1

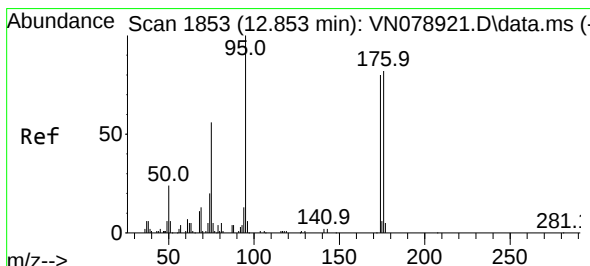
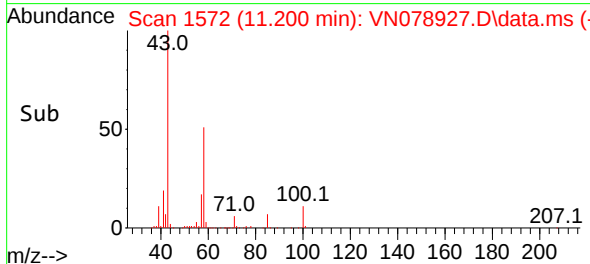
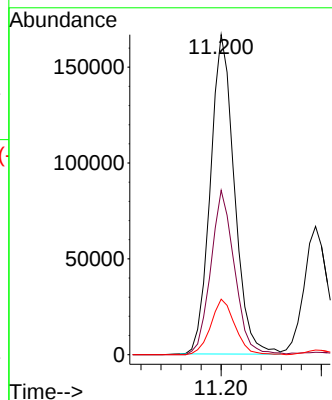
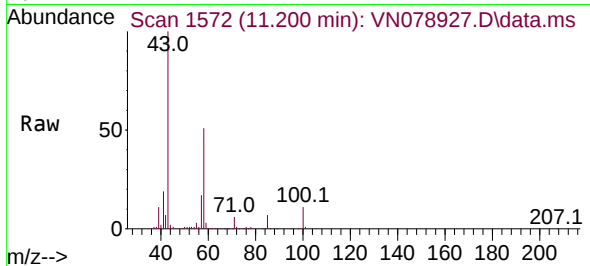




#59
2-Hexanone
Concen: 95.931 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

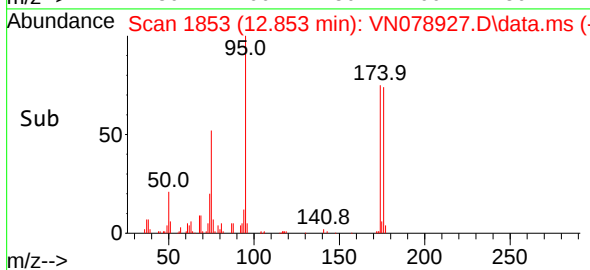
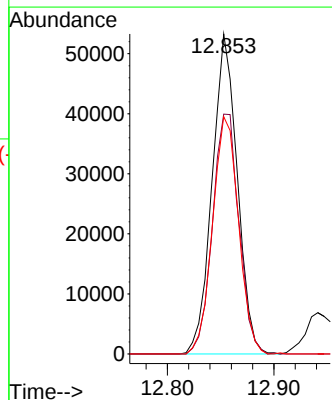
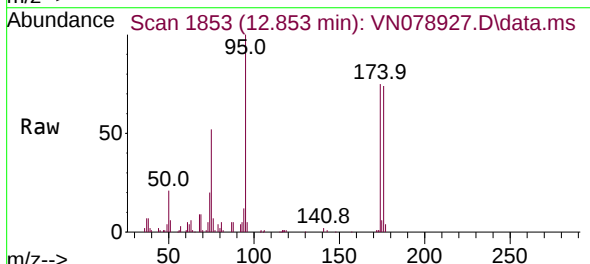
Instrument :
MSVOA_N
ClientSampleId :

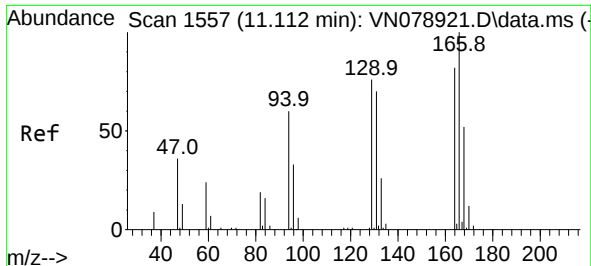
Tgt Ion: 43 Resp: 277669
Ion Ratio Lower Upper
43 100
58 50.9 40.6 60.8
57 17.5 13.6 20.4



#60
4-Bromofluorobenzene
Concen: 29.985 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

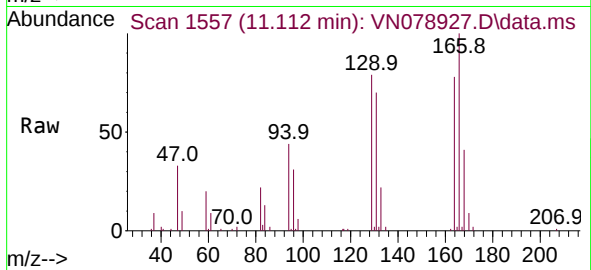
Tgt Ion: 95 Resp: 87091
Ion Ratio Lower Upper
95 100
174 78.8 64.8 97.2
176 76.7 63.0 94.6



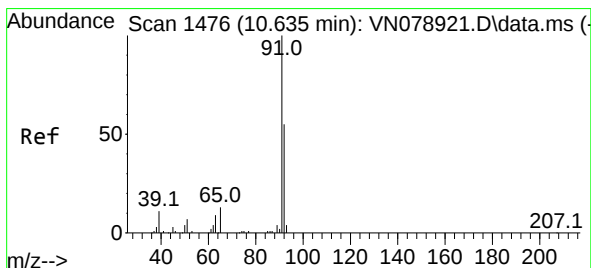
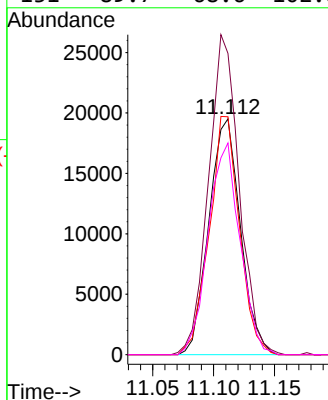
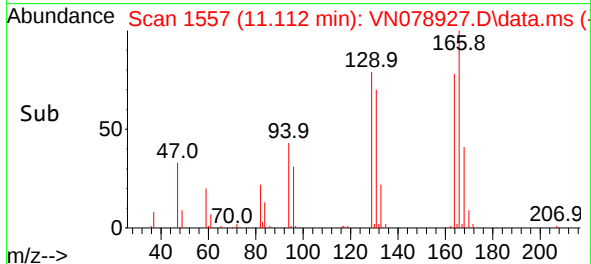


#61
Tetrachloroethene
Concen: 18.335 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

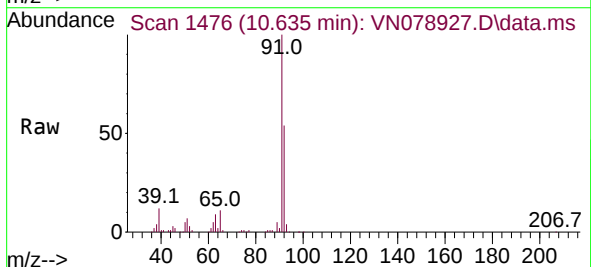
Instrument :
MSVOA_N
ClientSampleId :



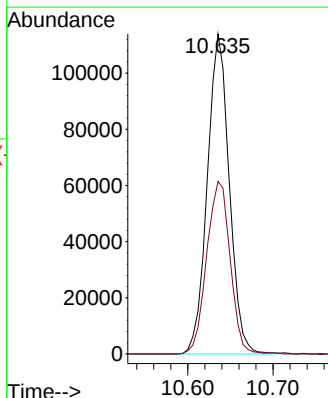
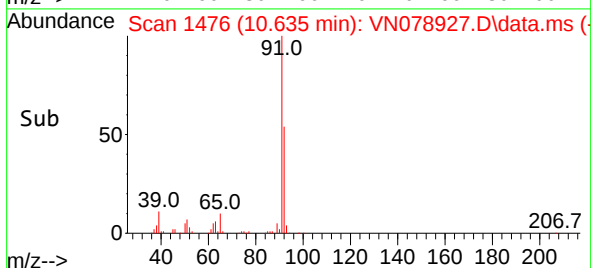
Tgt Ion:164 Resp: 35348
Ion Ratio Lower Upper
164 100
166 126.9 97.6 146.4
129 100.9 74.1 111.1
131 89.7 68.6 102.8

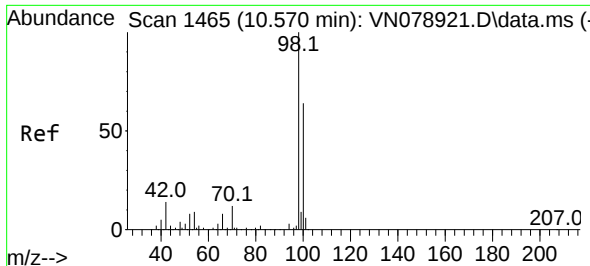


#62
Toluene
Concen: 18.772 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40



Tgt Ion: 91 Resp: 204064
Ion Ratio Lower Upper
91 100
92 57.5 44.7 67.1

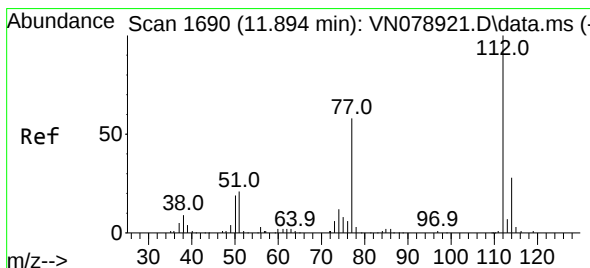
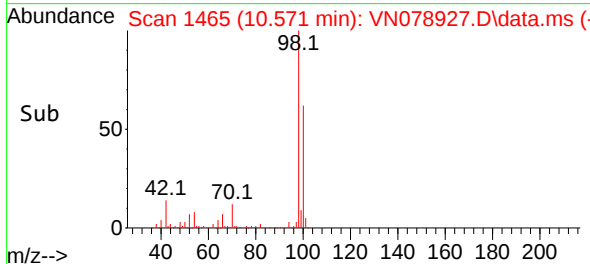
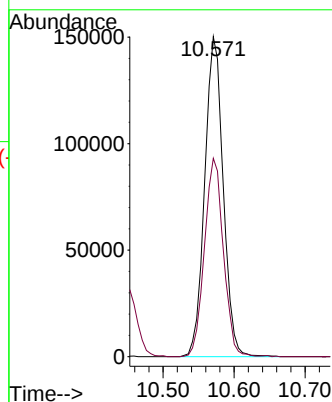
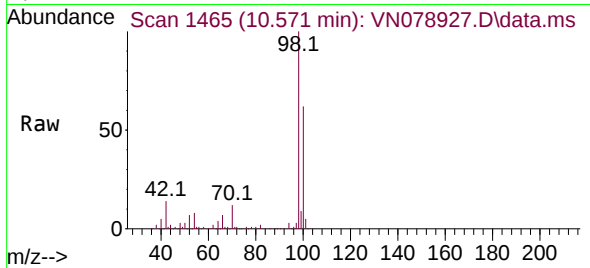




#63
Toluene-d8
Concen: 29.280 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

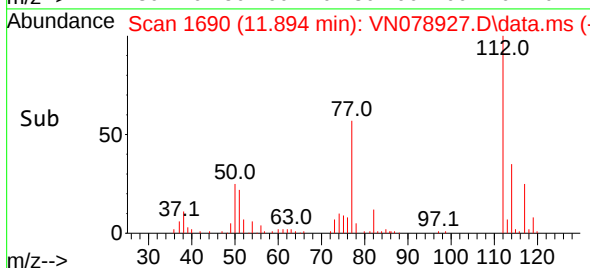
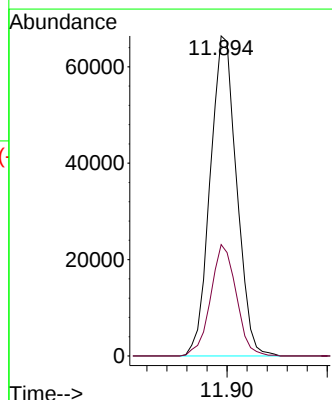
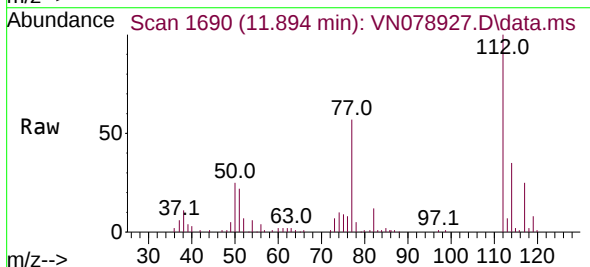
Instrument :
MSVOA_N
ClientSampleId :

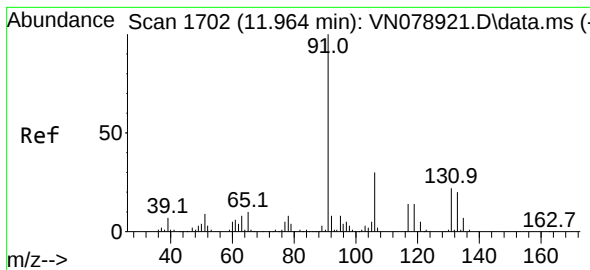
Tgt Ion: 98 Resp: 272262
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



#64
Chlorobenzene
Concen: 18.582 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 112 Resp: 121456
Ion Ratio Lower Upper
112 100
114 34.8 22.4 33.6#

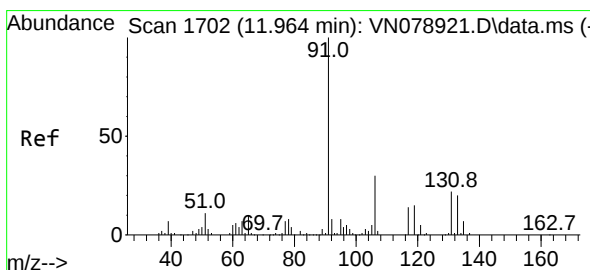
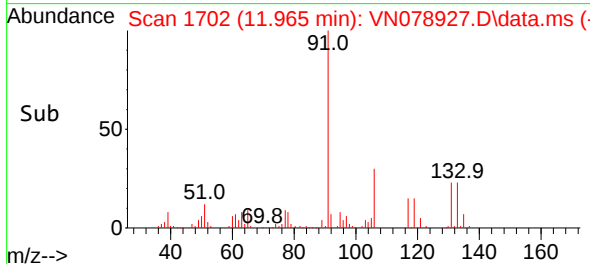
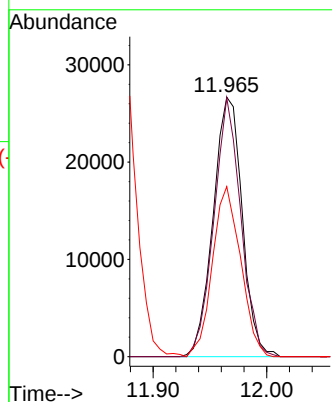
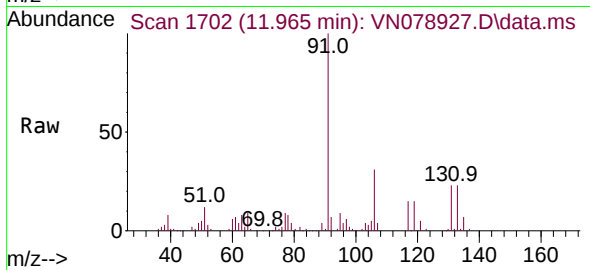




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.002 ug/l
 RT: 11.965 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

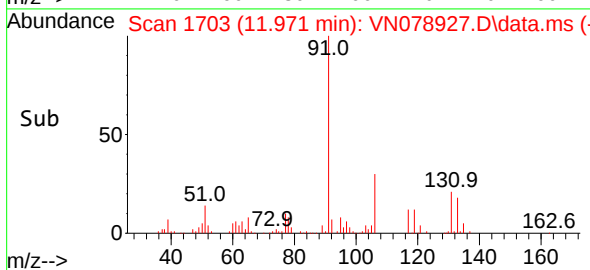
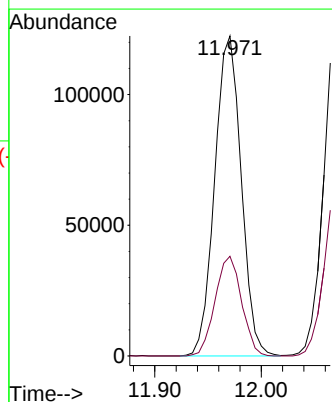
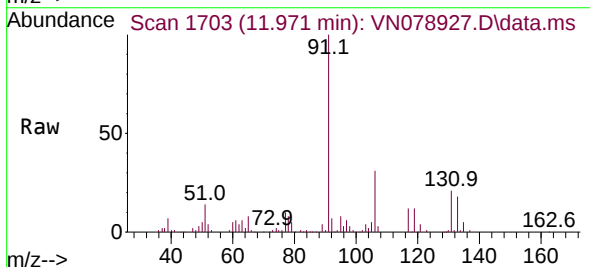
Instrument :
 MSVOA_N
 ClientSampleId :

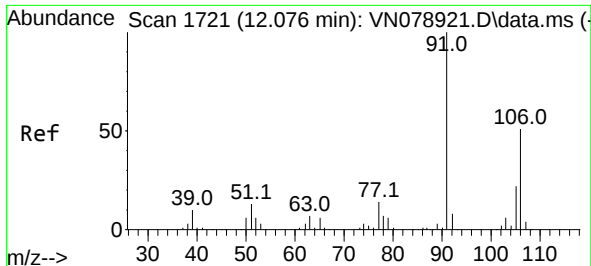
Tgt Ion:131 Resp: 47490
 Ion Ratio Lower Upper
 131 100
 133 92.3 0.0 184.8
 119 63.6 0.0 133.4



#66
 Ethyl Benzene
 Concen: 18.599 ug/l
 RT: 11.971 min Scan# 1703
 Delta R.T. 0.006 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

Tgt Ion: 91 Resp: 211488
 Ion Ratio Lower Upper
 91 100
 106 31.2 24.1 36.1

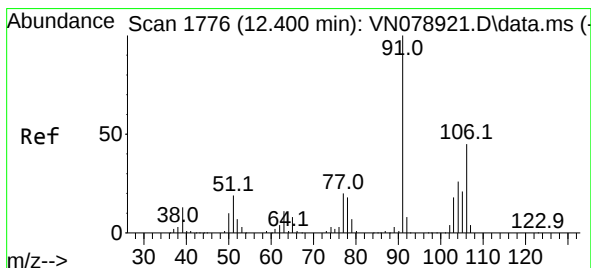
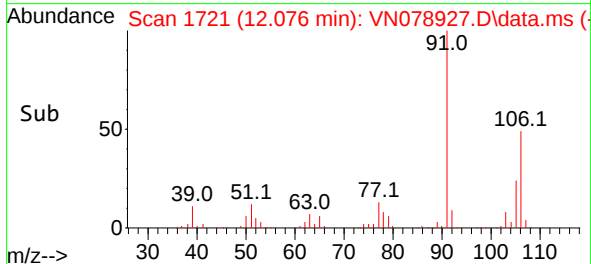
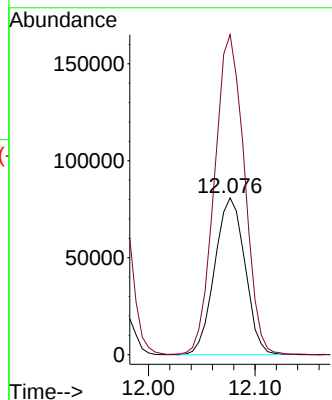
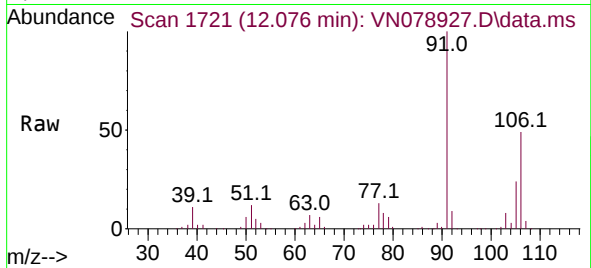




#67
m/p-Xylenes
Concen: 37.656 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

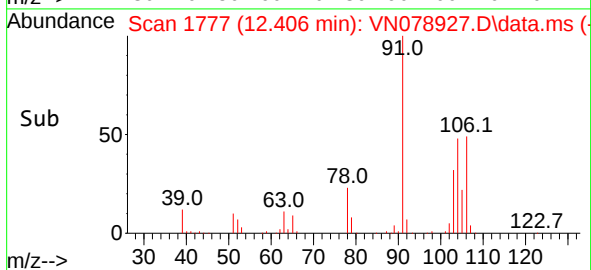
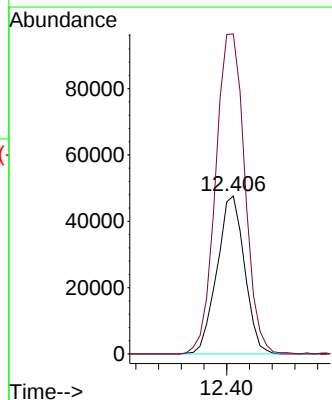
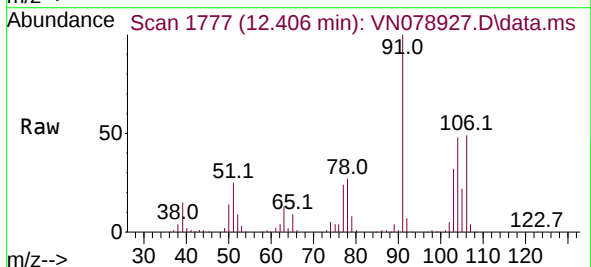
Instrument :
MSVOA_N
ClientSampleId :

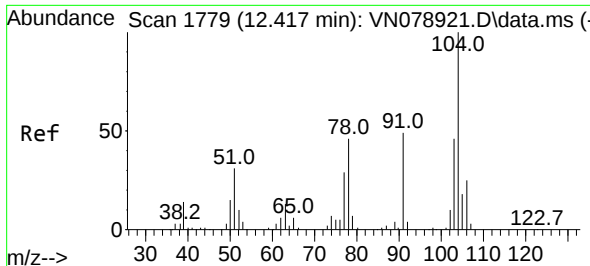
Tgt Ion:106 Resp: 159651
Ion Ratio Lower Upper
106 100
91 202.0 161.2 241.8



#68
o-Xylene
Concen: 19.178 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:106 Resp: 80169
Ion Ratio Lower Upper
106 100
91 214.5 109.0 327.0

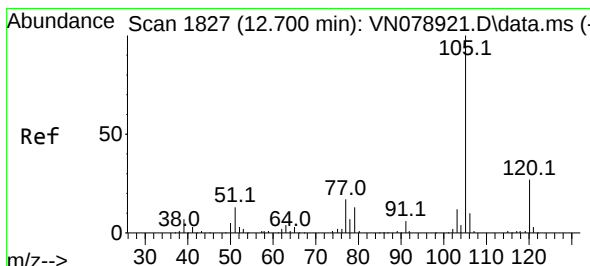
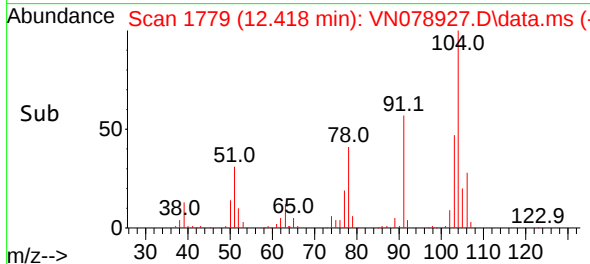
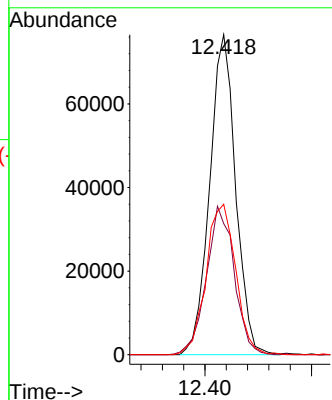
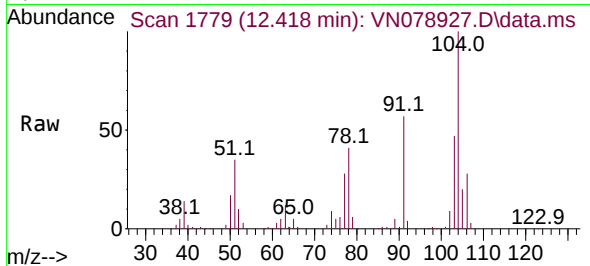




#69
Styrene
Concen: 19.061 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

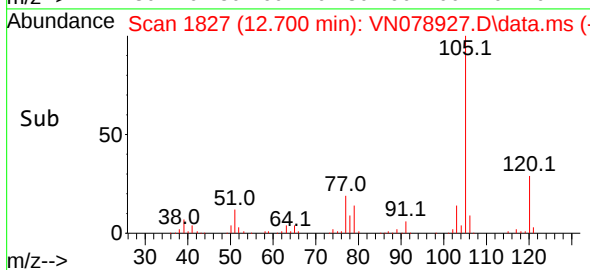
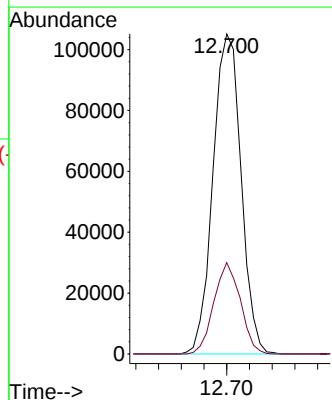
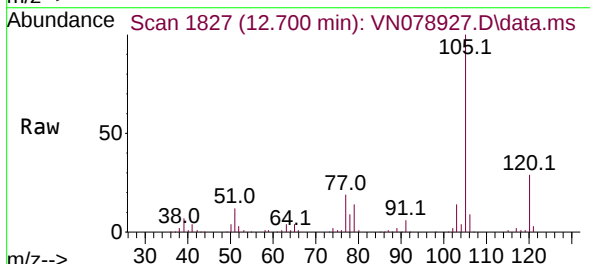
Instrument :
MSVOA_N
ClientSampleId :

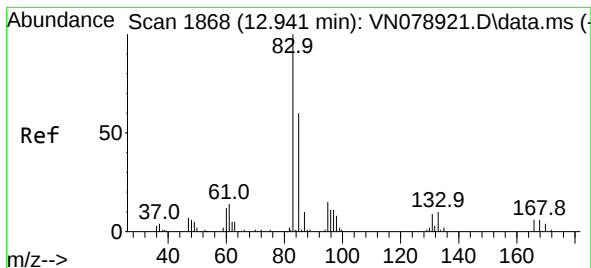
Tgt Ion:104 Resp: 129474
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.4
103 53.5 43.2 64.8



#70
Isopropylbenzene
Concen: 17.830 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:105 Resp: 180598
Ion Ratio Lower Upper
105 100
120 26.9 19.1 35.5

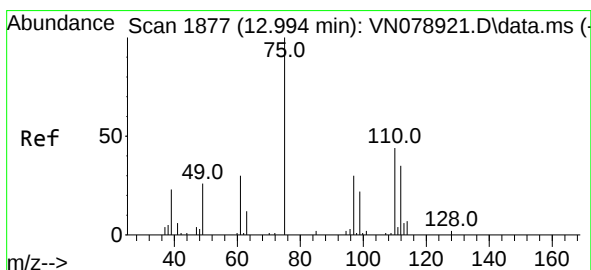
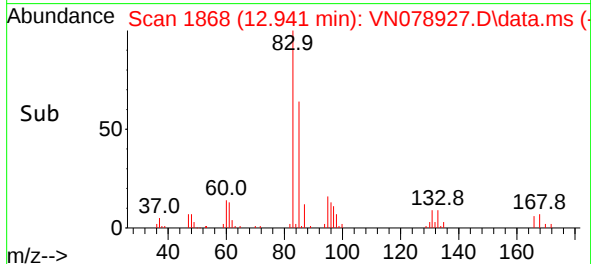
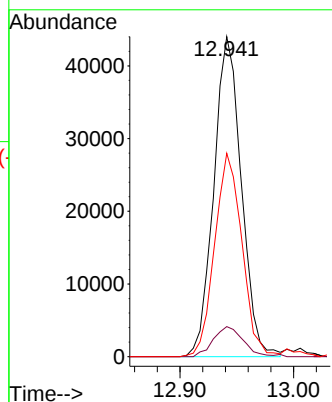
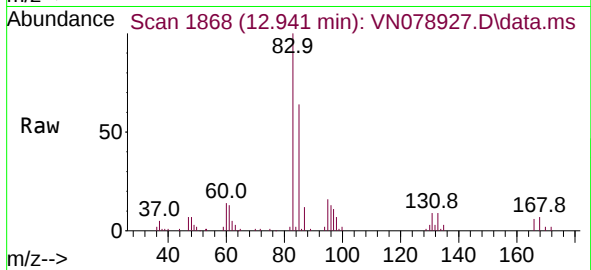




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.543 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

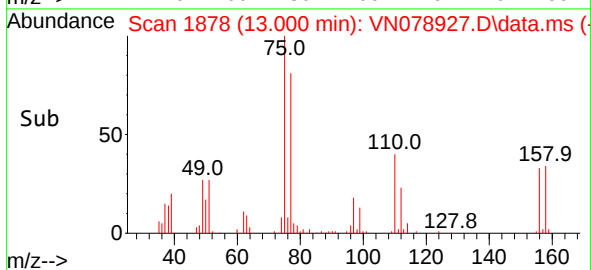
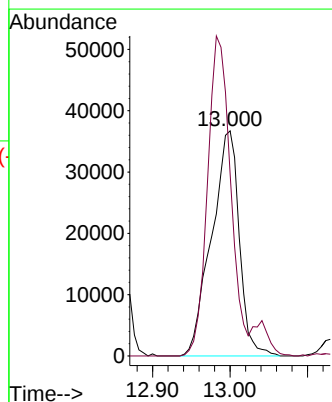
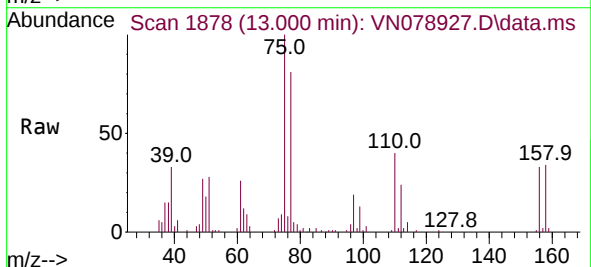
Instrument :
 MSVOA_N
 ClientSampleId :

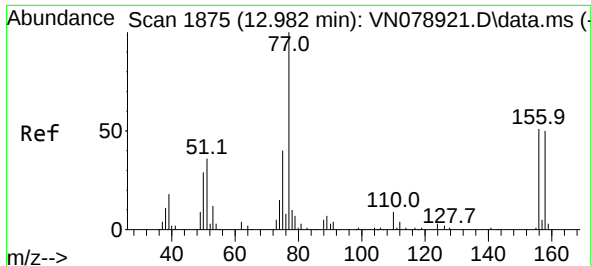
Tgt Ion: 83 Resp: 74206
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.7 14.0
 85 63.0 31.9 95.7



#72
 1,2,3-Trichloropropane
 Concen: 29.255 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

Tgt Ion: 75 Resp: 91130
 Ion Ratio Lower Upper
 75 100
 77 118.0 0.0 367.4

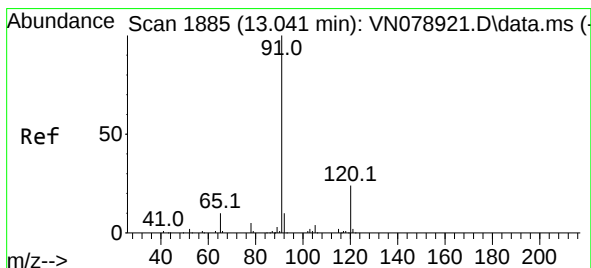
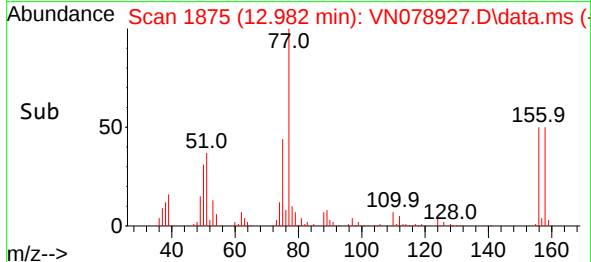
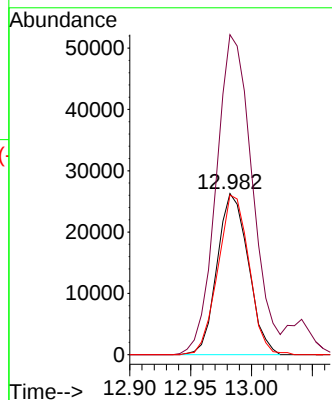
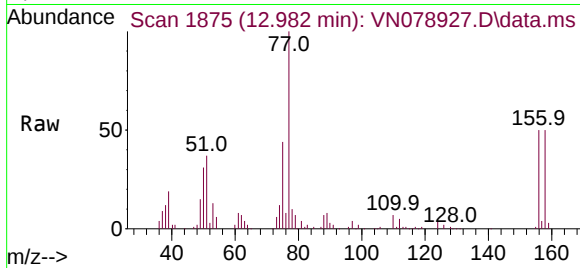




#73
Bromobenzene
Concen: 18.181 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

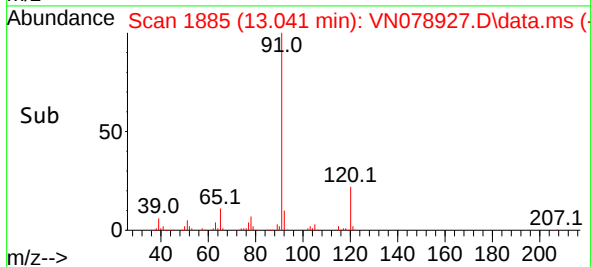
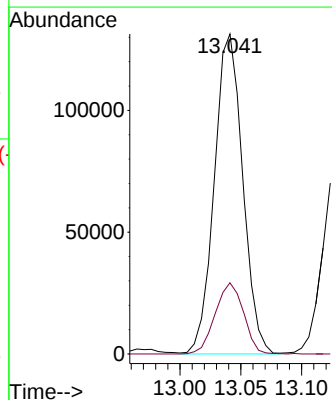
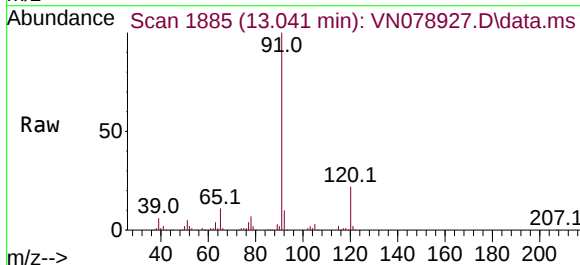
Instrument :
MSVOA_N
ClientSampleId :

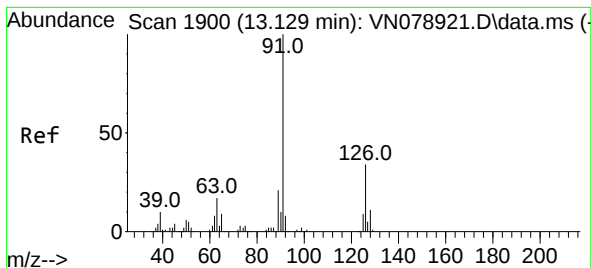
Tgt Ion:156 Resp: 46882
Ion Ratio Lower Upper
156 100
77 229.4 0.0 431.0
158 98.3 0.0 196.8



#74
n-propylbenzene
Concen: 18.572 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 91 Resp: 213196
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.4





#75

2-Chlorotoluene

Concen: 18.715 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

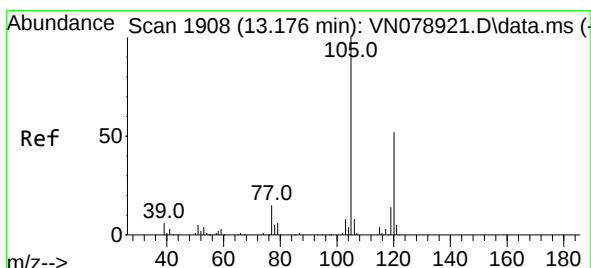
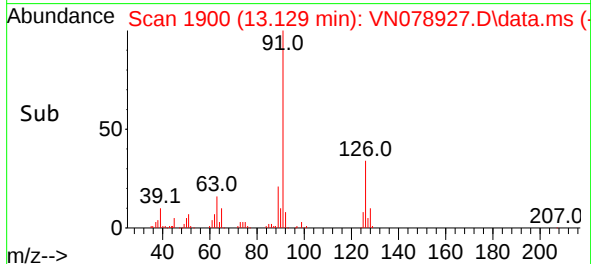
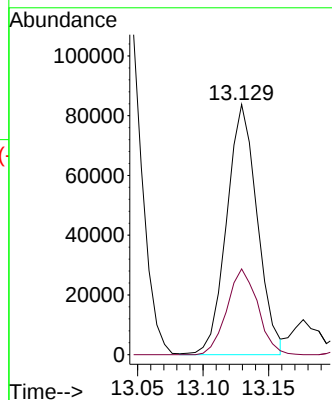
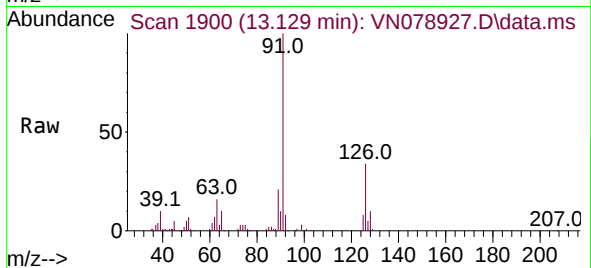
ClientSampleId :

Tgt Ion: 91 Resp: 136289

Ion Ratio Lower Upper

91 100

126 34.4 0.0 67.2



#76

1,3,5-Trimethylbenzene

Concen: 18.676 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078927.D

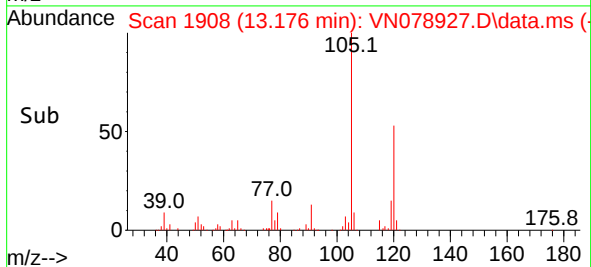
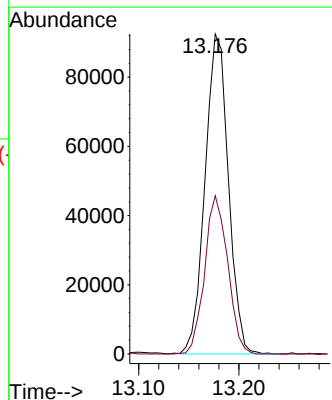
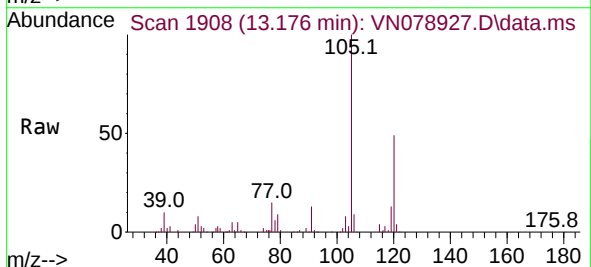
Acq: 17 Aug 2023 15:40

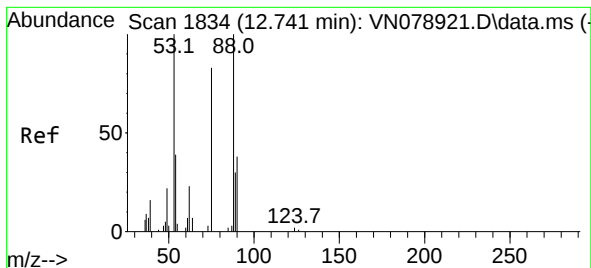
Tgt Ion:105 Resp: 149958

Ion Ratio Lower Upper

105 100

120 48.7 0.0 98.8

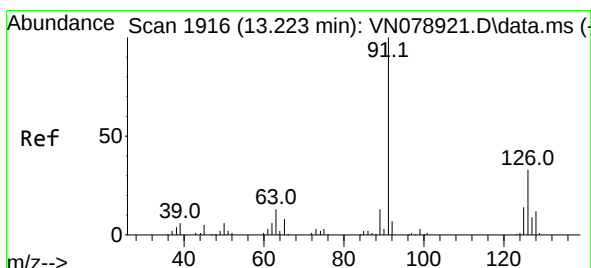
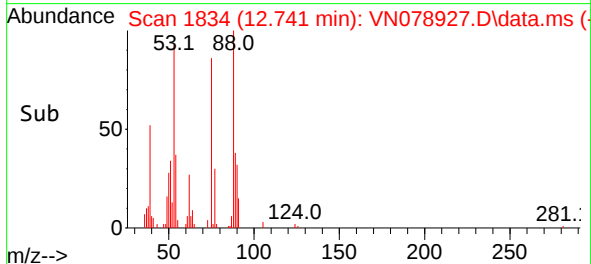
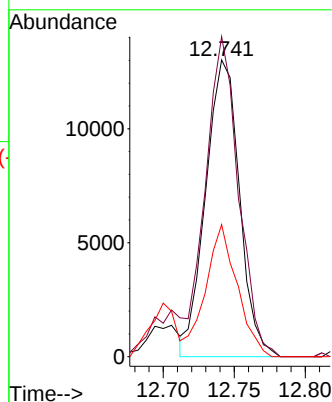
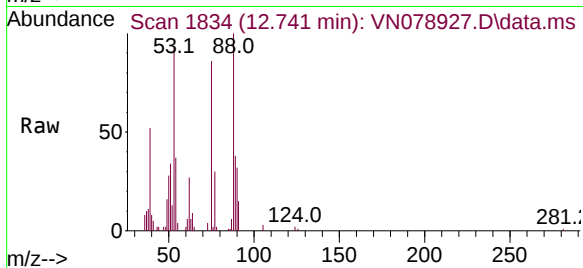




#77
t-1,4-Dichloro-2-butene
Concen: 18.617 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

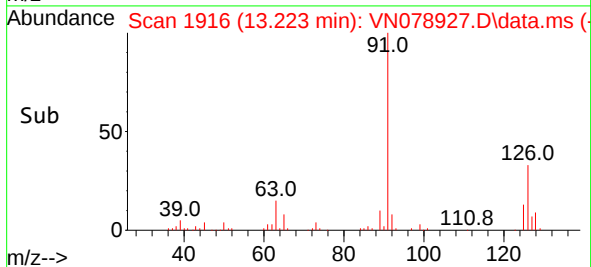
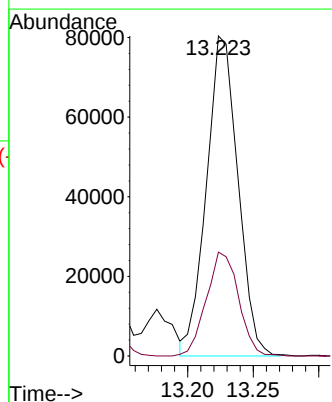
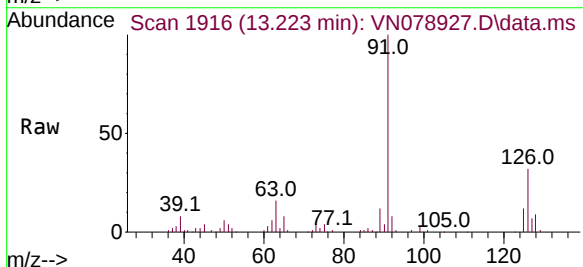
Instrument :
MSVOA_N
ClientSampleId :

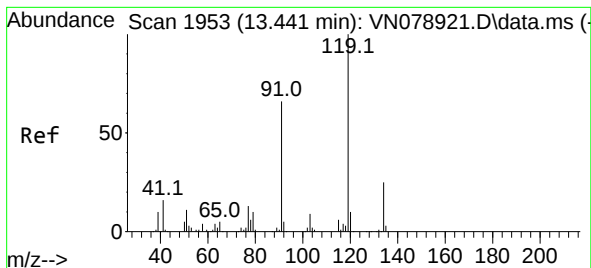
Tgt Ion: 75 Resp: 21551
Ion Ratio Lower Upper
75 100
53 107.8 60.1 180.3
89 44.4 22.9 68.8



#78
4-Chlorotoluene
Concen: 19.261 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion: 91 Resp: 134377
Ion Ratio Lower Upper
91 100
126 33.1 0.0 67.4





#79

tert-butylbenzene

Concen: 19.110 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

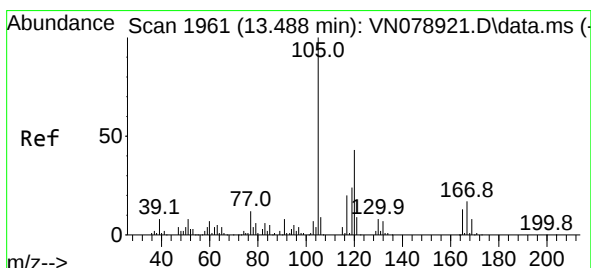
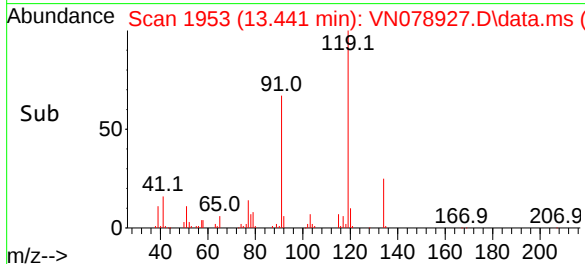
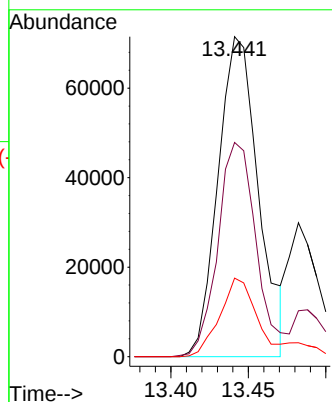
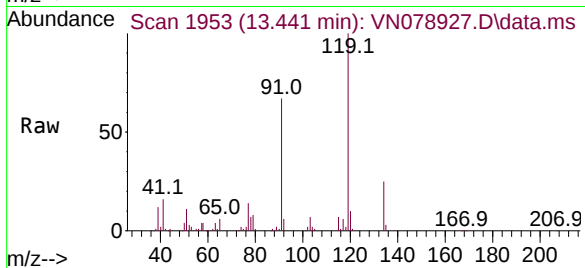
Tgt Ion:119 Resp: 129660

Ion Ratio Lower Upper

119 100

91 64.4 0.0 135.6

134 22.3 0.0 51.4



#80

1,2,4-Trimethylbenzene

Concen: 18.435 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078927.D

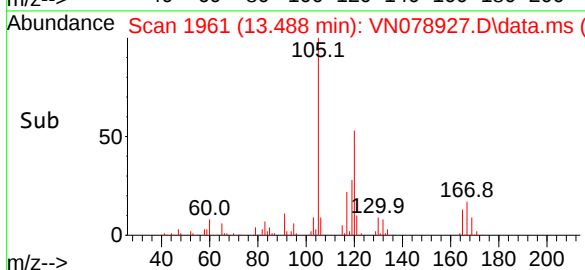
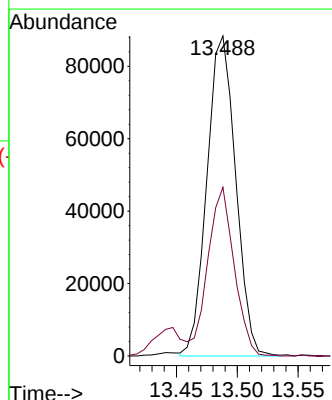
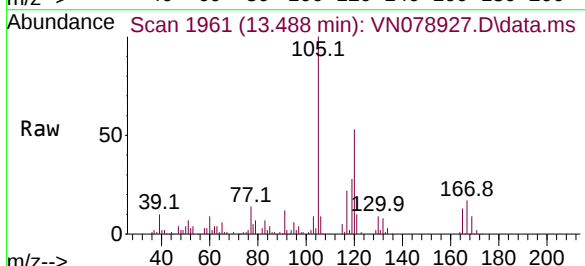
Acq: 17 Aug 2023 15:40

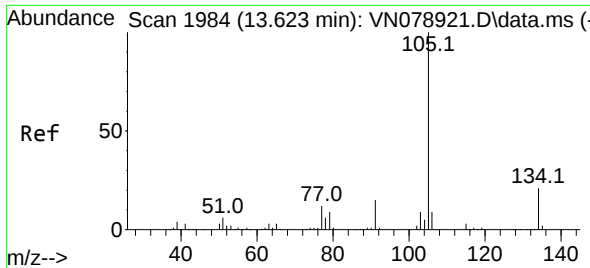
Tgt Ion:105 Resp: 145550

Ion Ratio Lower Upper

105 100

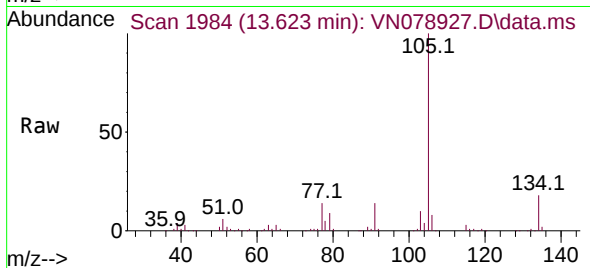
120 48.2 0.0 91.6



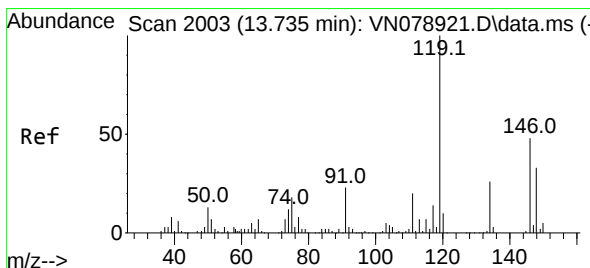
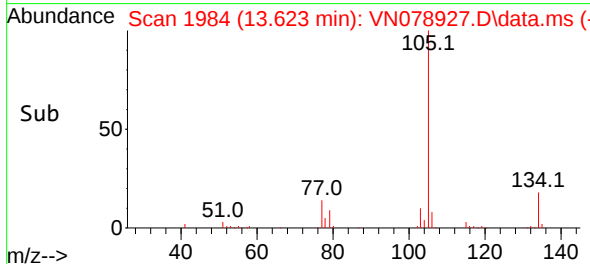
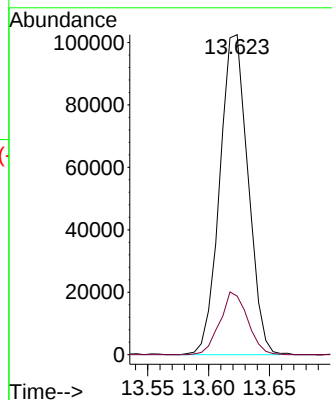


#81
 sec-Butylbenzene
 Concen: 18.501 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

Instrument :
 MSVOA_N
 ClientSampleId :

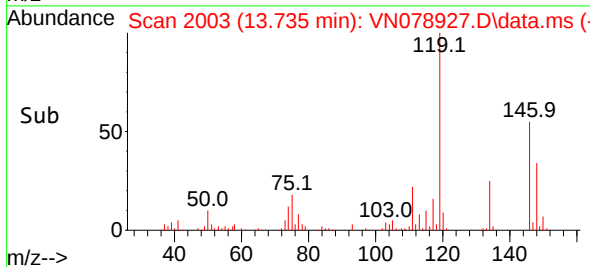
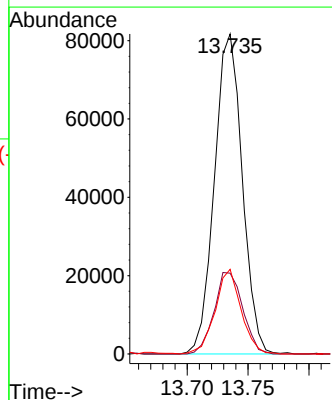
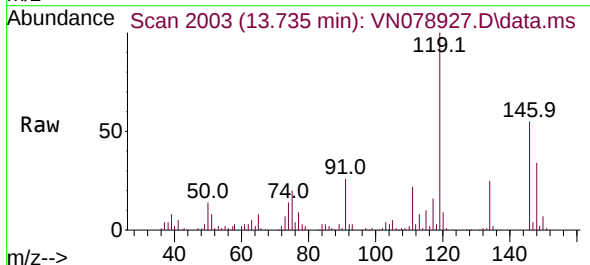


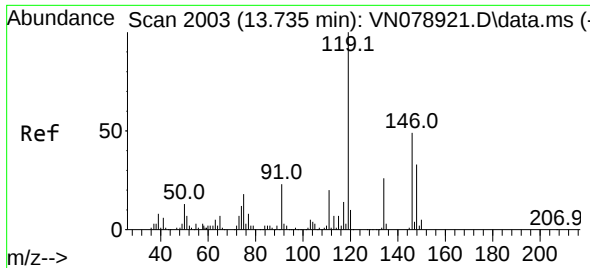
Tgt Ion:105 Resp: 165668
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 17.784 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078927.D
 Acq: 17 Aug 2023 15:40

Tgt Ion:119 Resp: 130016
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.4
 91 24.7 0.0 47.4

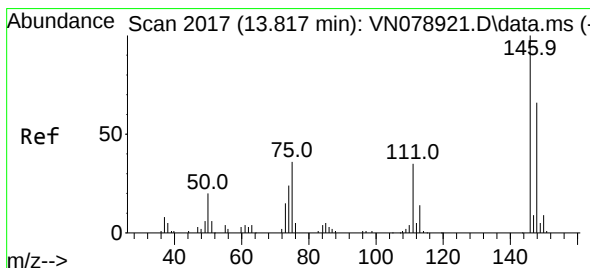
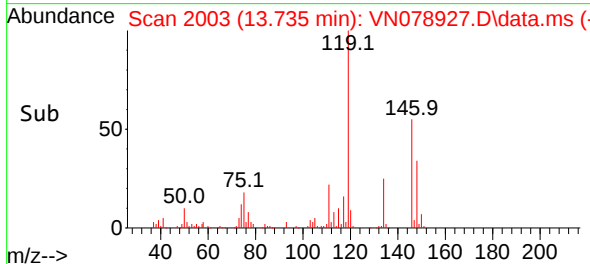
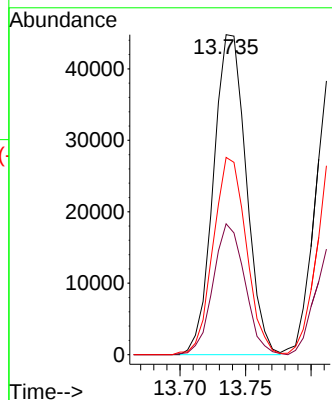
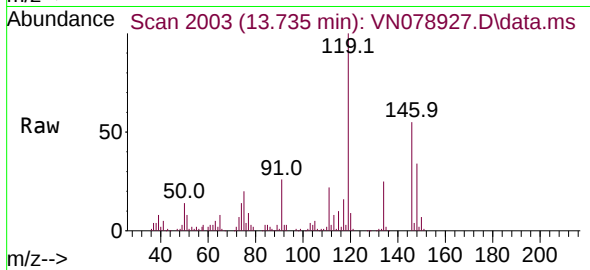




#83
1,3-Dichlorobenzene
Concen: 18.702 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

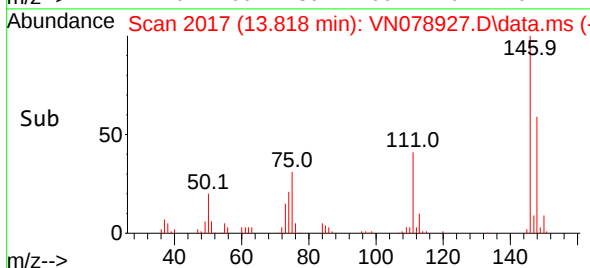
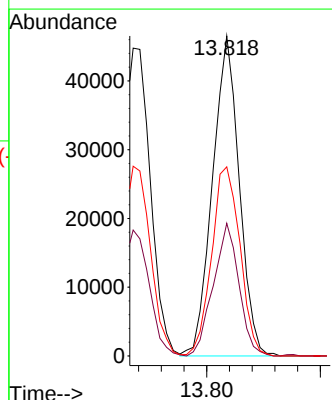
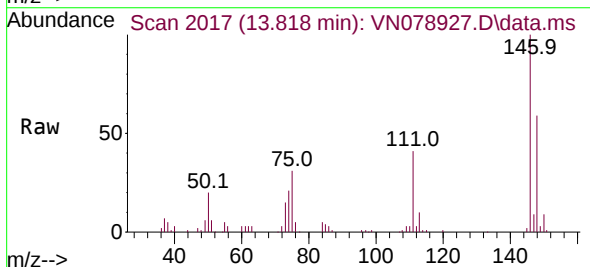
Instrument :
MSVOA_N
ClientSampleId :

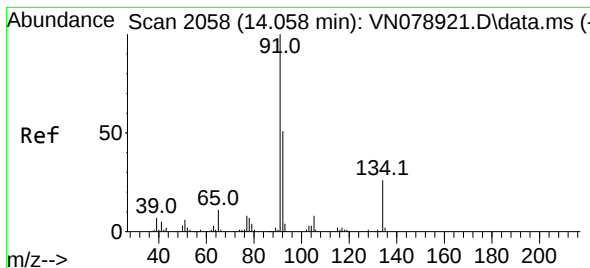
Tgt Ion:146 Resp: 77830
Ion Ratio Lower Upper
146 100
111 39.6 21.2 63.6
148 62.1 33.1 99.5



#84
1,4-Dichlorobenzene
Concen: 18.642 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:146 Resp: 76166
Ion Ratio Lower Upper
146 100
111 39.7 18.6 56.0
148 62.6 32.0 96.2





#85

n-Butylbenzene

Concen: 17.519 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

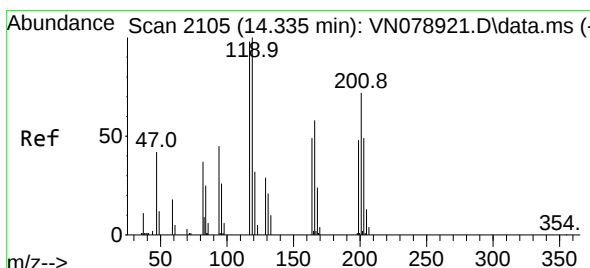
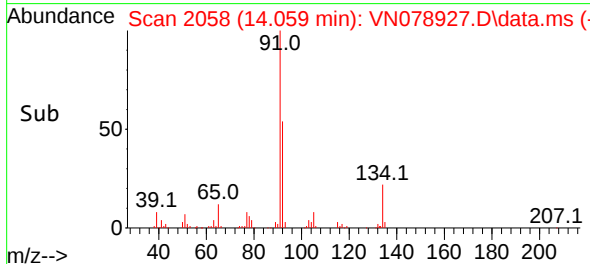
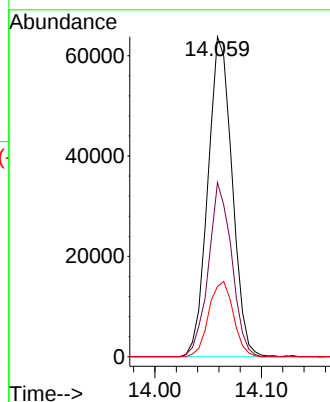
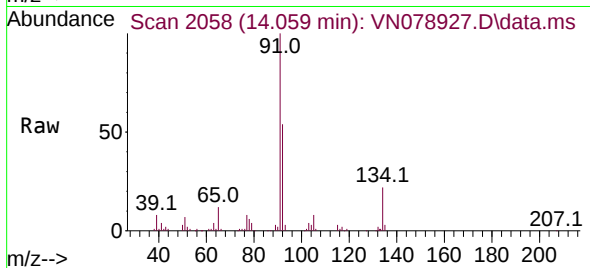
Tgt Ion: 91 Resp: 100735

Ion Ratio Lower Upper

91 100

92 52.4 0.0 102.8

134 23.8 0.0 48.6



#86

Hexachloroethane

Concen: 18.126 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078927.D

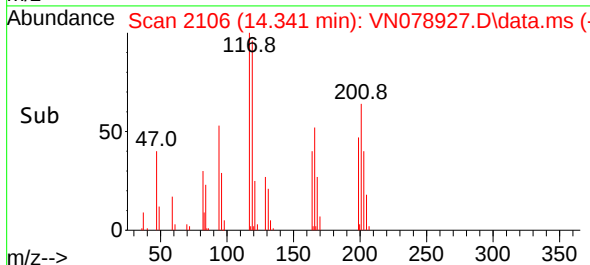
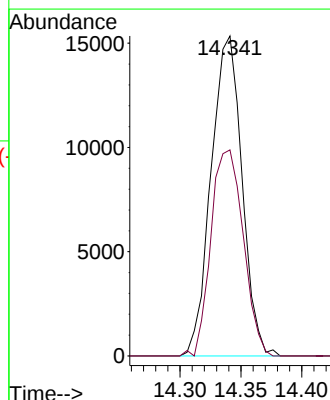
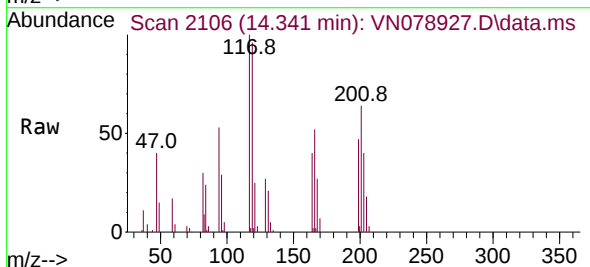
Acq: 17 Aug 2023 15:40

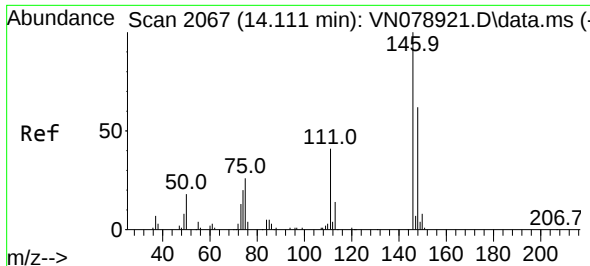
Tgt Ion: 117 Resp: 27114

Ion Ratio Lower Upper

117 100

201 66.9 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 19.228 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

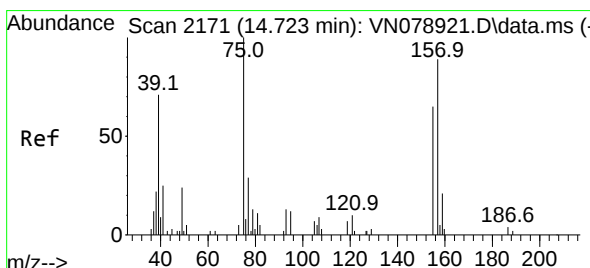
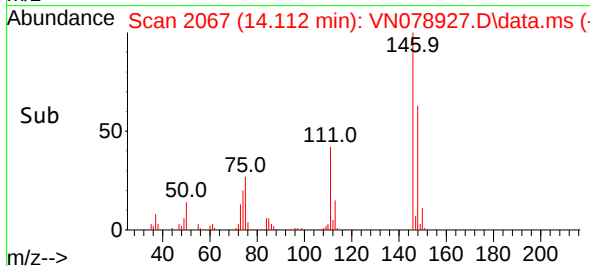
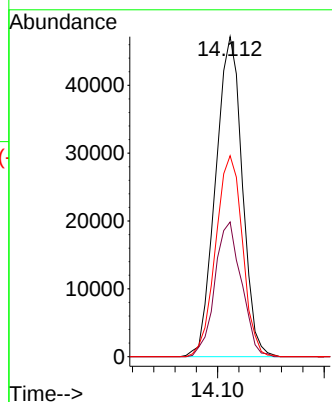
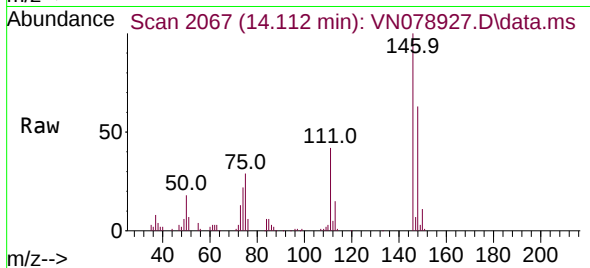
Tgt Ion:146 Resp: 81957

Ion Ratio Lower Upper

146 100

111 42.0 20.3 60.8

148 63.3 32.0 96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.446 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078927.D

Acq: 17 Aug 2023 15:40

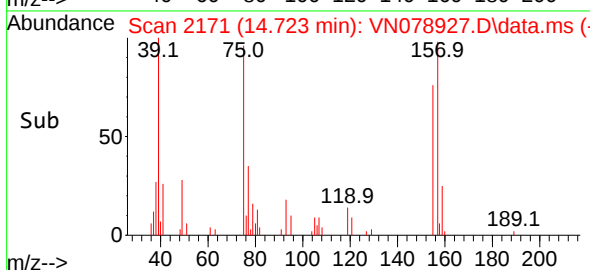
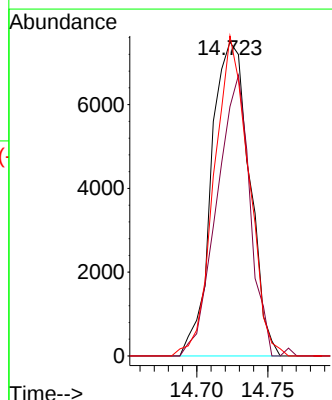
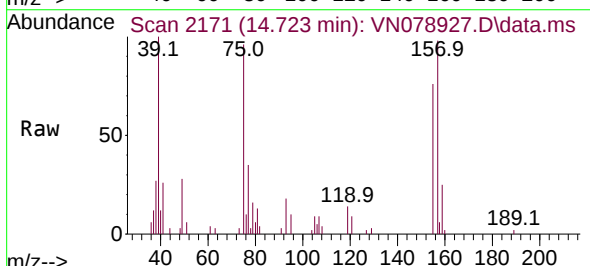
Tgt Ion: 75 Resp: 13934

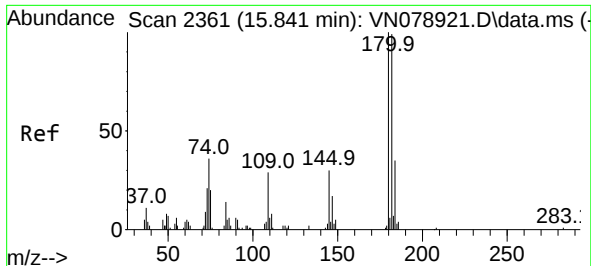
Ion Ratio Lower Upper

75 100

155 78.1 61.1 91.7

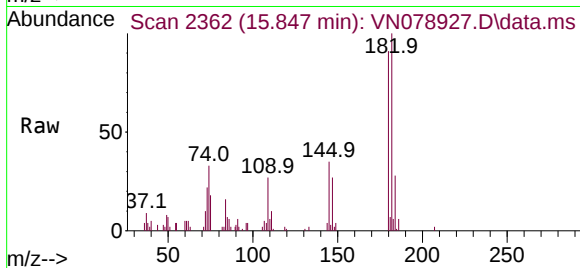
157 92.5 79.8 119.6



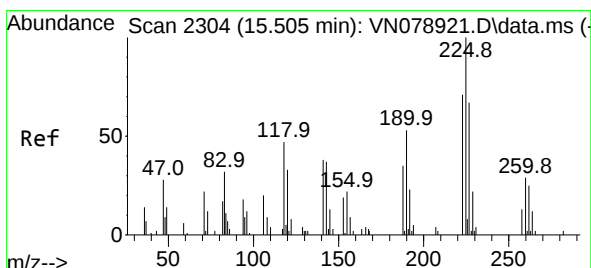
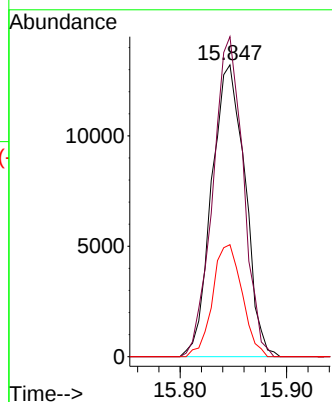
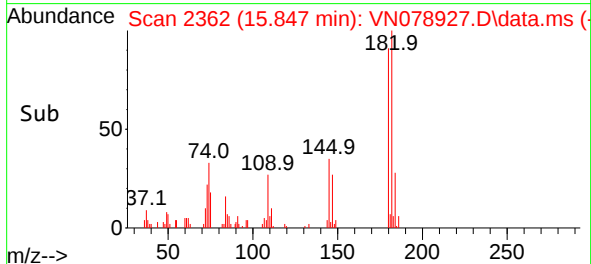


#89
1,2,4-Trichlorobenzene
Concen: 17.030 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :

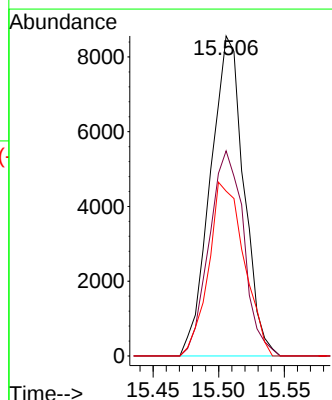
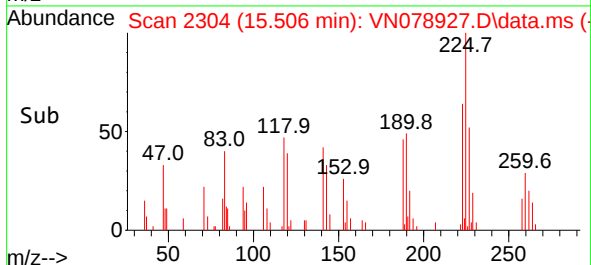
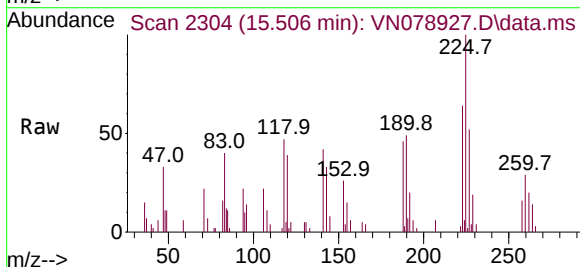


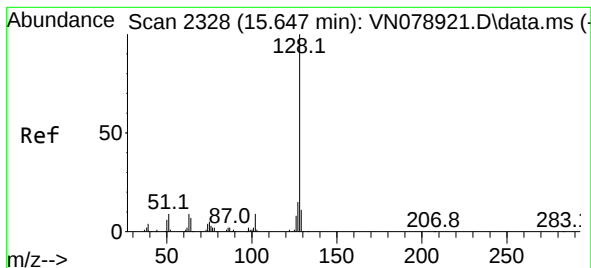
Tgt Ion:180 Resp: 28667
Ion Ratio Lower Upper
180 100
182 100.3 76.1 114.1
145 34.1 26.5 39.7



#90
Hexachlorobutadiene
Concen: 17.354 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:225 Resp: 15209
Ion Ratio Lower Upper
225 100
223 66.1 0.0 124.0
227 57.4 0.0 117.4

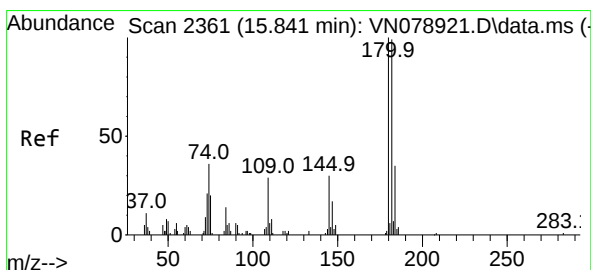
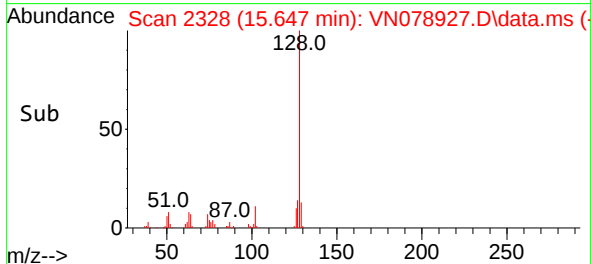
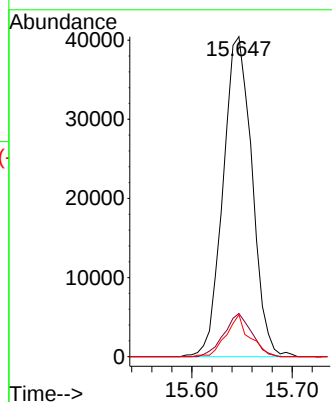
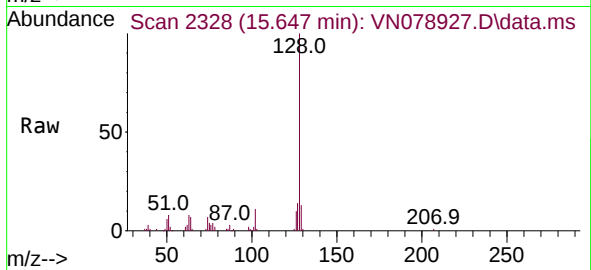




#91
Naphthalene
Concen: 16.681 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 80985
Ion Ratio Lower Upper
128 100
127 13.0 11.1 16.7
129 10.4 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 17.030 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078927.D
Acq: 17 Aug 2023 15:40

Tgt Ion:180 Resp: 28667
Ion Ratio Lower Upper
180 100
182 100.3 0.0 190.2
145 34.1 0.0 66.2

