

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079723.D
 Acq On : 30 Oct 2023 14:16
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 31 07:28:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	249291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	453904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	383598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	101079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	5603	1.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.800%#
35) Dibromofluoromethane	8.177	113	4524	1.395	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.780%#
50) Toluene-d8	10.571	98	11771	0.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.940%#
62) 4-Bromofluorobenzene	12.853	95	3216	0.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.680%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	3364	1.022	ug/l	81
3) Chloromethane	2.359	50	5273	1.323	ug/l #	88
4) Vinyl Chloride	2.518	62	4775	1.112	ug/l	91
5) Bromomethane	2.959	94	3876	1.375	ug/l	87
6) Chloroethane	3.124	64	4142	1.317	ug/l #	79
7) Trichlorofluoromethane	3.489	101	5973	1.183	ug/l	90
8) Diethyl Ether	3.965	74	1907	1.044	ug/l #	58
9) 1,1,2-Trichlorotrifluo...	4.371	101	2884	0.986	ug/l	89
10) Methyl Iodide	4.606	142	2587	0.879	ug/l #	67
11) Tert butyl alcohol	5.536	59	4183	7.878	ug/l #	82
12) 1,1-Dichloroethene	4.342	96	2797	1.021	ug/l	96
13) Acrolein	4.189	56	2822	5.283	ug/l	95
14) Allyl chloride	5.024	41	4604	1.002	ug/l #	86
15) Acrylonitrile	5.736	53	8273	5.063	ug/l #	74
16) Acetone	4.453	43	9931	5.798	ug/l #	85
17) Carbon Disulfide	4.718	76	10144	1.213	ug/l	96
18) Methyl Acetate	5.042	43	7719	1.117	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	8782	0.948	ug/l #	76
20) Methylene Chloride	5.283	84	4549	1.341	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	3455	1.111	ug/l	98
22) Diisopropyl ether	6.677	45	8418	0.815	ug/l #	80
23) Vinyl Acetate	6.606	43	25021	4.401	ug/l	94
24) 1,1-Dichloroethane	6.577	63	6626	1.071	ug/l #	94
25) 2-Butanone	7.494	43	11680	4.965	ug/l #	78
26) 2,2-Dichloropropane	7.483	77	5460	1.090	ug/l	94
27) cis-1,2-Dichloroethene	7.489	96	3573	0.998	ug/l	72
28) Bromochloromethane	7.824	49	3130	1.034	ug/l #	70
29) Tetrahydrofuran	7.853	42	5906	4.109	ug/l #	76
30) Chloroform	7.971	83	6348	1.019	ug/l	84
31) Cyclohexane	8.236	56	11440	2.095	ug/l #	37
32) 1,1,1-Trichloroethane	8.171	97	6106	1.130	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	4730	0.983	ug/l	93
37) Ethyl Acetate	7.571	43	4532	0.950	ug/l #	74
38) Carbon Tetrachloride	8.365	117	4967	1.035	ug/l	87
39) Methylcyclohexane	9.600	83	4077	0.852	ug/l #	76
40) Benzene	8.606	78	14232	1.002	ug/l #	88

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	2307	0.927	ug/l #	75
42) 1,2-Dichloroethane	8.677	62	5343	1.036	ug/l	92
43) Isopropyl Acetate	8.694	43	6874	0.902	ug/l #	88
44) Trichloroethene	9.353	130	3943	1.146	ug/l	100
45) 1,2-Dichloropropane	9.630	63	3712	0.984	ug/l	97
46) Dibromomethane	9.718	93	2686	1.056	ug/l	91
47) Bromodichloromethane	9.894	83	5343	1.047	ug/l #	95
48) Methyl methacrylate	9.688	41	2886	0.816	ug/l #	85
49) 1,4-Dioxane	9.700	88	895	14.388	ug/l #	67
51) 4-Methyl-2-Pentanone	10.453	43	19858	4.186	ug/l #	84
52) Toluene	10.635	92	7365	0.850	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	4422	0.858	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	4484	0.795	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	3740	1.091	ug/l	91
56) Ethyl methacrylate	10.882	69	3506	0.724	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	5665	0.944	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.165	63	6135	3.439	ug/l	89
59) 2-Hexanone	11.200	43	13545	3.883	ug/l	78
60) Dibromochloromethane	11.359	129	3213	0.906	ug/l	93
61) 1,2-Dibromoethane	11.476	107	3341	0.978	ug/l	97
64) Tetrachloroethene	11.106	164	3323	1.221	ug/l #	73
65) Chlorobenzene	11.894	112	9127	1.075	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	3353	1.063	ug/l #	58
67) Ethyl Benzene	11.971	91	13296	0.889	ug/l	96
68) m/p-Xylenes	12.076	106	8904	1.609	ug/l	91
69) o-Xylene	12.406	106	3770	0.709	ug/l	91
70) Styrene	12.418	104	4864	0.571	ug/l #	77
71) Bromoform	12.582	173	2152	0.952	ug/l #	90
73) Isopropylbenzene	12.700	105	10151	1.109	ug/l	94
74) N-amyl acetate	12.500	43	3399	0.933	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	4940	1.524	ug/l	92
76) 1,2,3-Trichloropropane	12.994	75	5936	2.163	ug/l	58
77) Bromobenzene	12.982	156	2578	1.197	ug/l	81
78) n-propylbenzene	13.041	91	10122	0.960	ug/l	100
79) 2-Chlorotoluene	13.123	91	6883	1.047	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	6831	0.915	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.747	75	622	0.684	ug/l #	41
82) 4-Chlorotoluene	13.223	91	6405	1.014	ug/l	95
83) tert-Butylbenzene	13.441	119	6253	1.022	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	5990	0.832	ug/l	97
85) sec-Butylbenzene	13.618	105	7922	0.929	ug/l	97
86) p-Isopropyltoluene	13.723	119	5324	0.784	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	3803	1.044	ug/l	91
88) 1,4-Dichlorobenzene	13.818	146	3999	1.102	ug/l	86
89) n-Butylbenzene	14.065	91	4222	0.782	ug/l	93
90) Hexachloroethane	14.335	117	2113	1.472	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	3523	0.994	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.729	75	560	1.120	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	674	0.638	ug/l #	76
94) Hexachlorobutadiene	15.512	225	1383	1.476	ug/l	93
95) Naphthalene	15.647	128	2360	0.770	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.847	180	607	0.515	ug/l #	51

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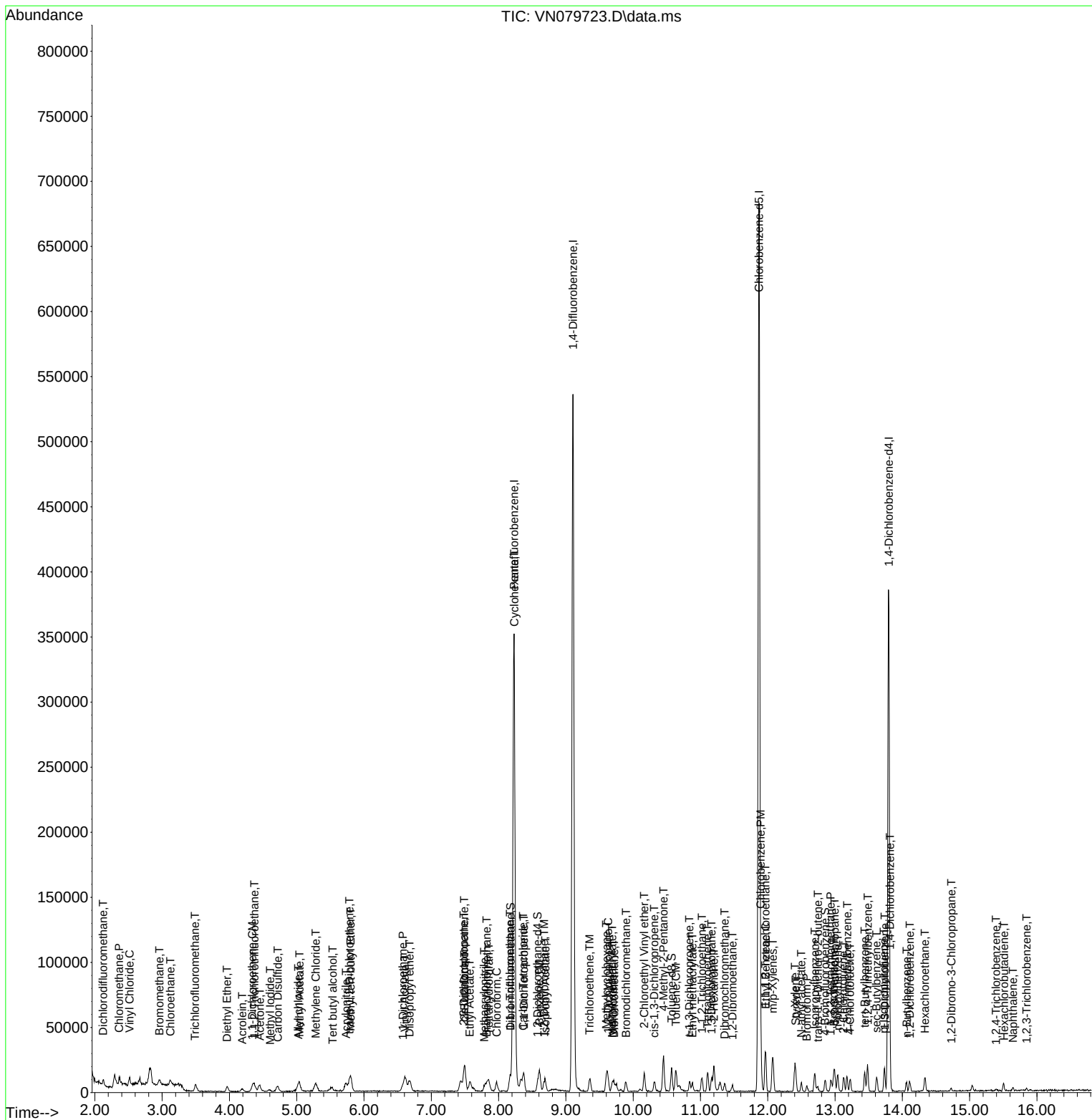
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

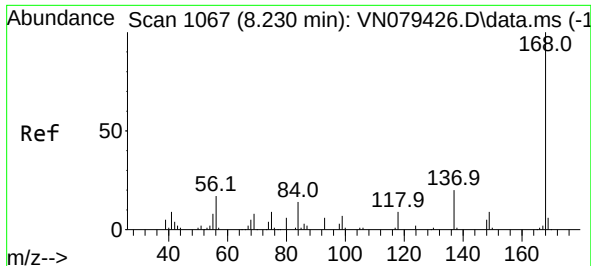
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Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration

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

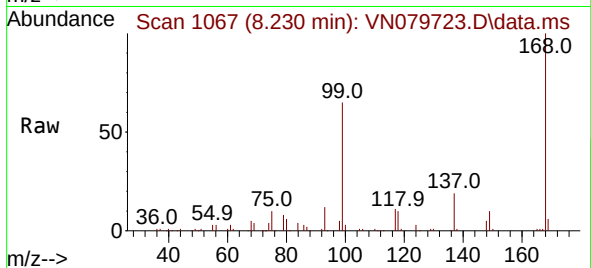
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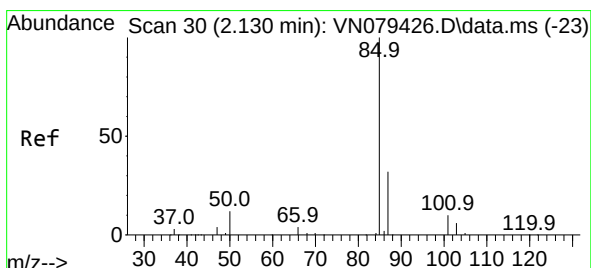
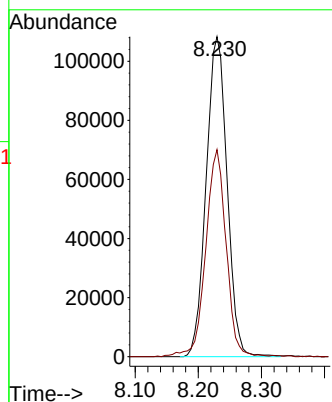
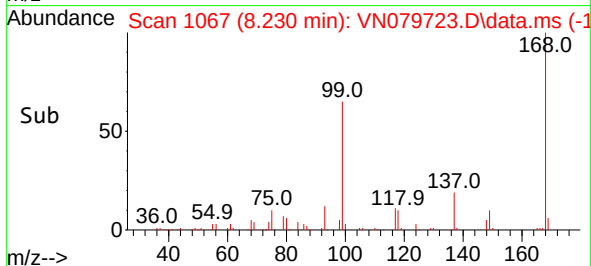


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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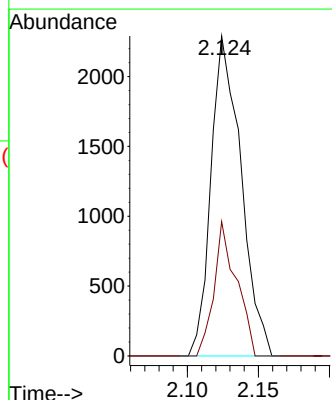
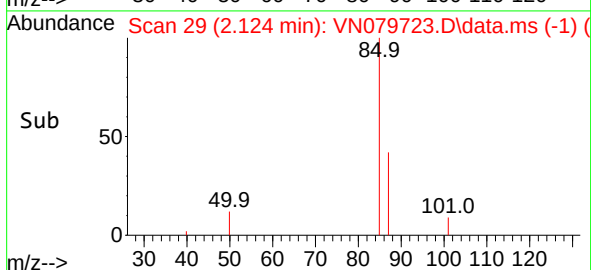
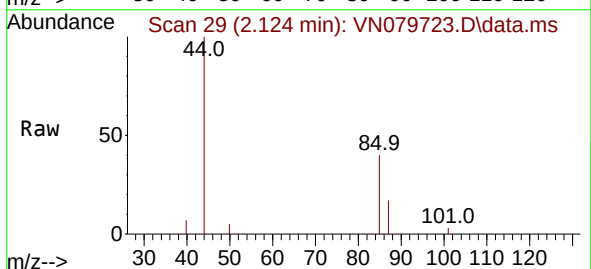


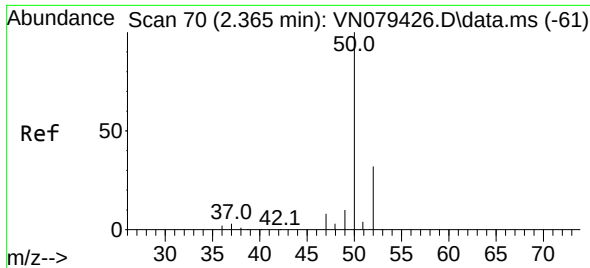
Tgt Ion:168 Resp: 249291
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 1.022 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 85 Resp: 3364
Ion Ratio Lower Upper
85 100
87 42.0 15.8 47.4

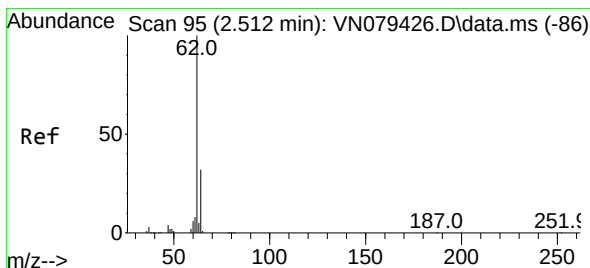
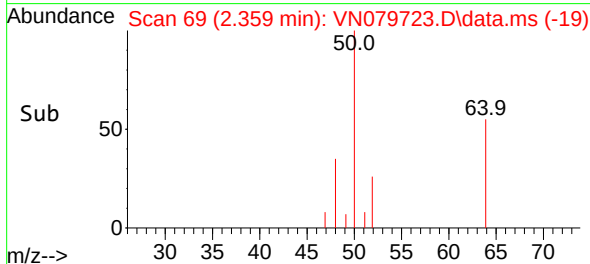
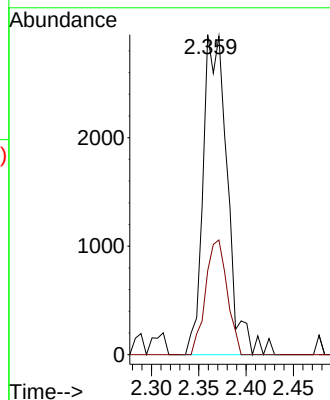
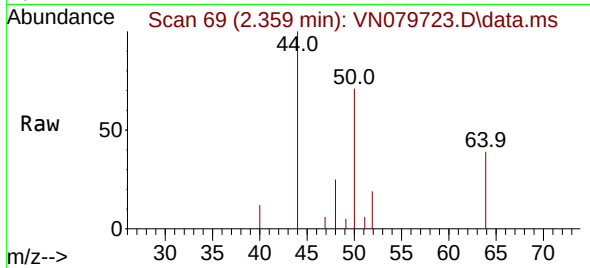




#3
Chloromethane
Concen: 1.323 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

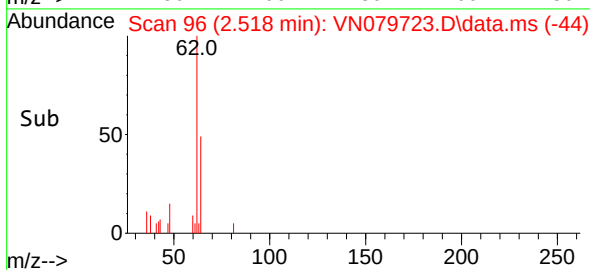
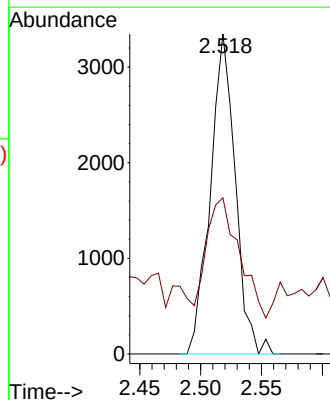
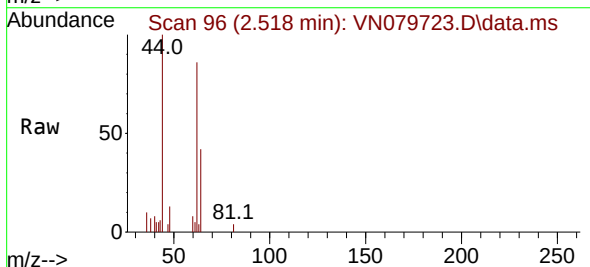
Instrument :
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ClientSampleId :
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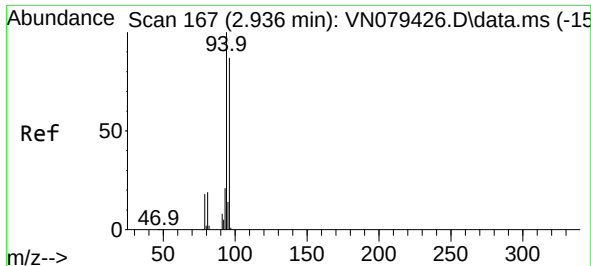
Tgt Ion: 50 Resp: 5273
Ion Ratio Lower Upper
50 100
52 26.2 26.5 39.7#



#4
Vinyl Chloride
Concen: 1.112 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 62 Resp: 4775
Ion Ratio Lower Upper
62 100
64 27.6 26.2 39.2

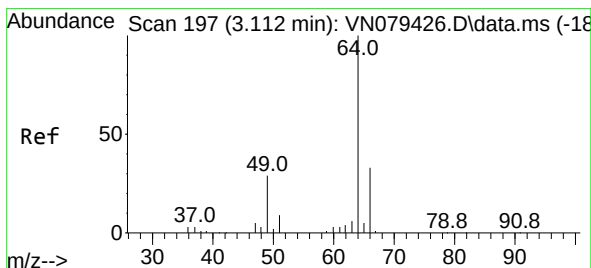
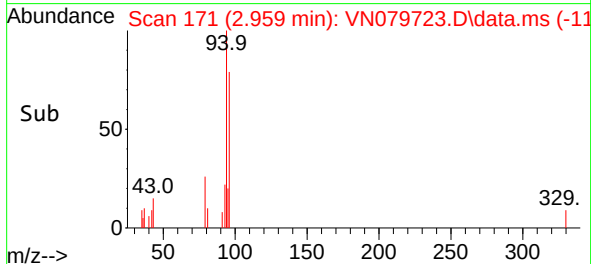
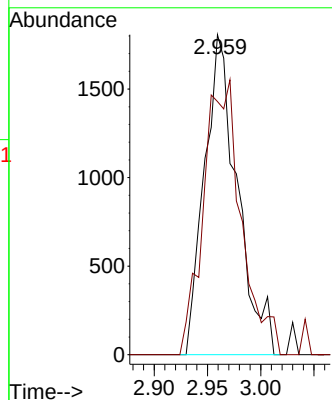
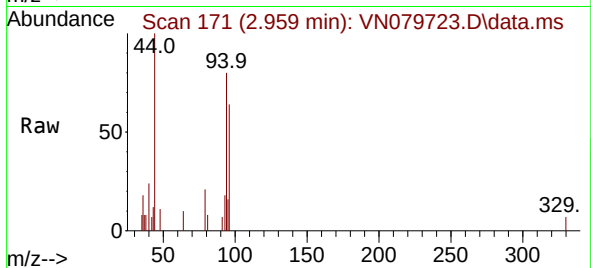




#5
Bromomethane
Concen: 1.375 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

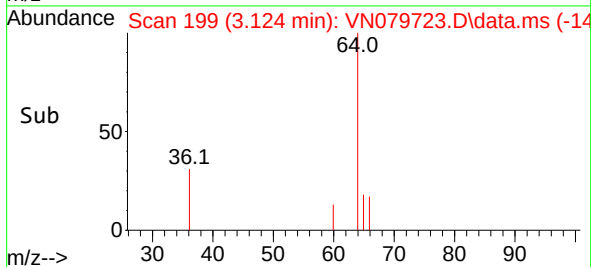
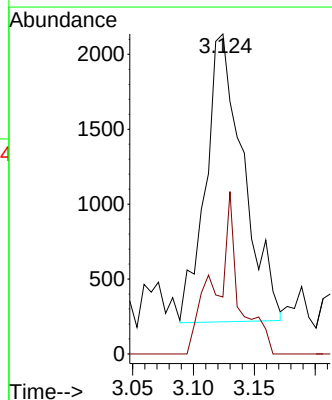
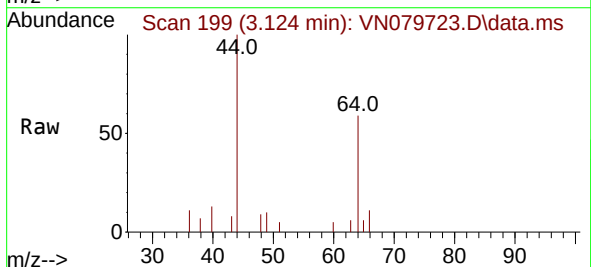
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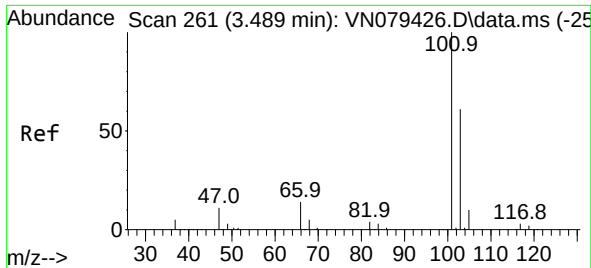
Tgt Ion: 94 Resp: 3876
Ion Ratio Lower Upper
94 100
96 79.1 73.1 109.7



#6
Chloroethane
Concen: 1.317 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 64 Resp: 4142
Ion Ratio Lower Upper
64 100
66 19.9 25.4 38.2#

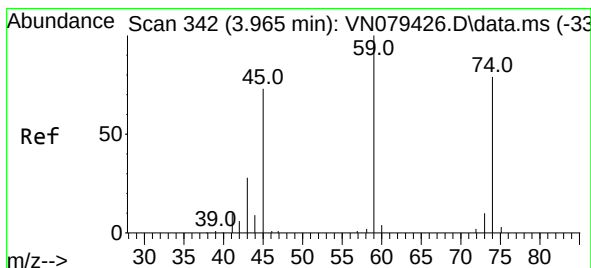
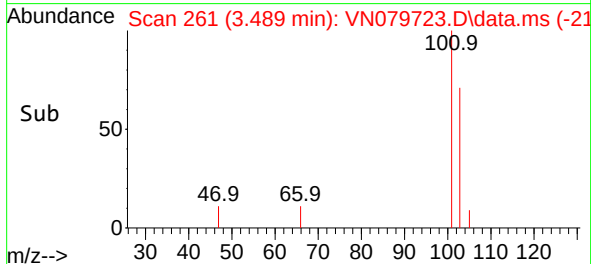
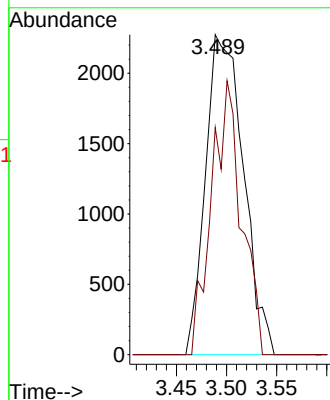
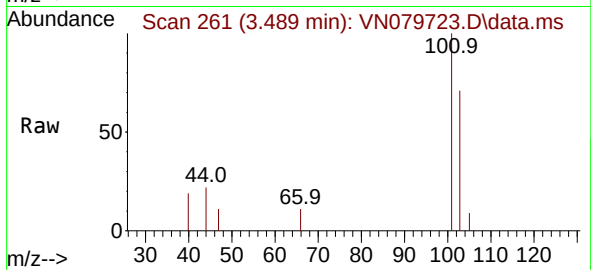




#7
 Trichlorofluoromethane
 Concen: 1.183 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

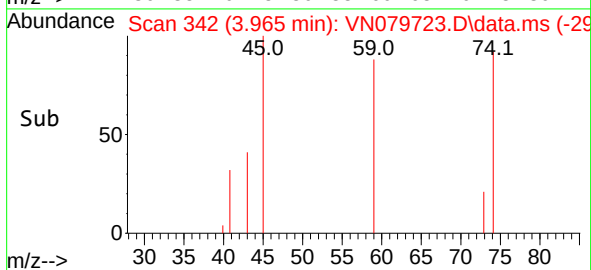
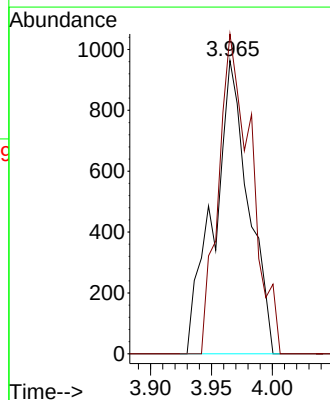
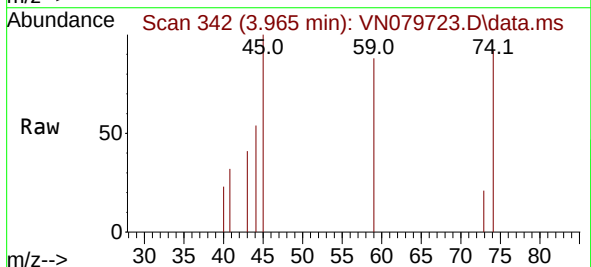
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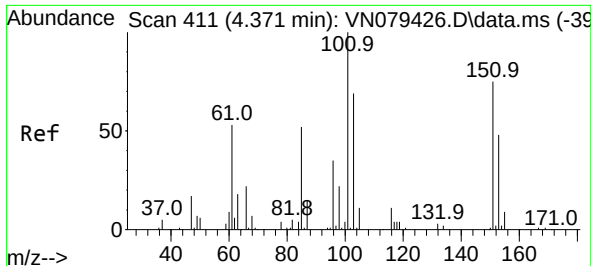
Tgt Ion:101 Resp: 5973
 Ion Ratio Lower Upper
 101 100
 103 71.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 1.044 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

Tgt Ion: 74 Resp: 1907
 Ion Ratio Lower Upper
 74 100
 45 103.4 34.4 103.3#

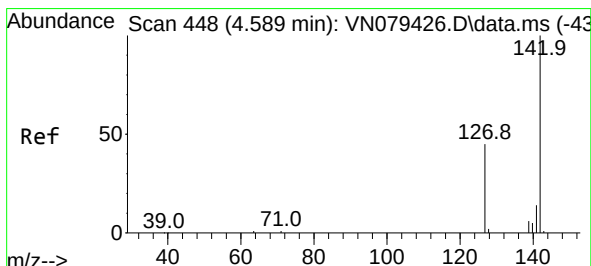
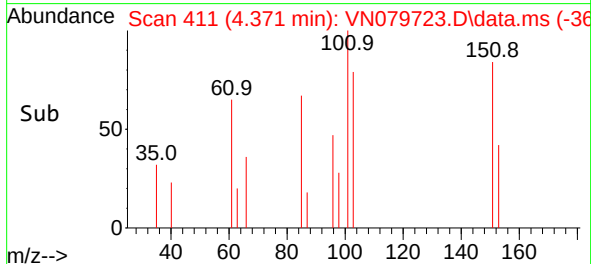
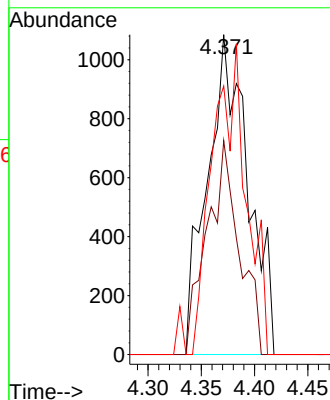
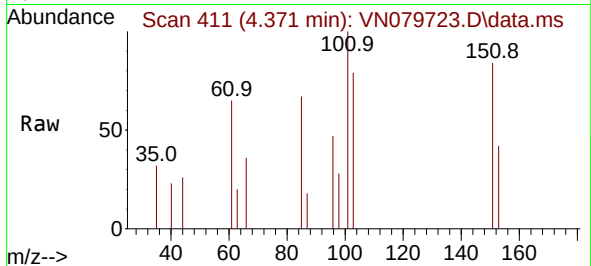




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.986 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079723.D
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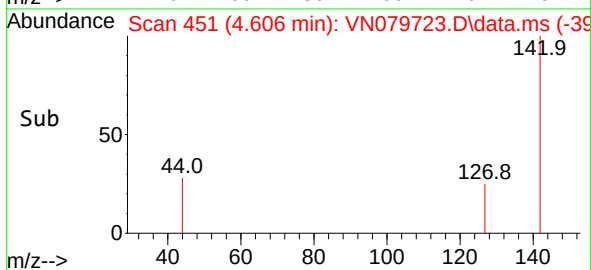
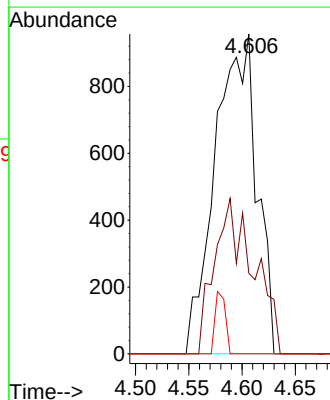
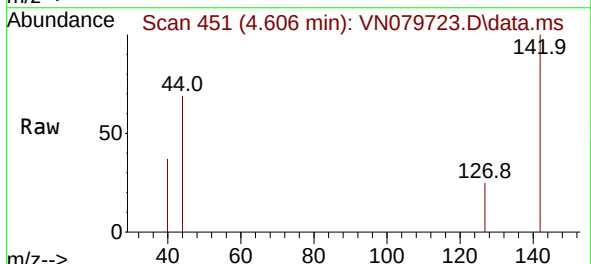
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

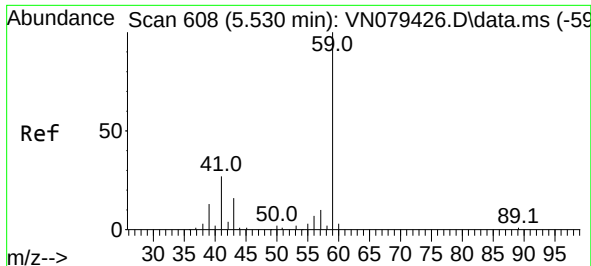
Tgt Ion:101 Resp: 2884
Ion Ratio Lower Upper
101 100
85 52.8 36.6 55.0
151 81.1 57.6 86.4



#10
Methyl Iodide
Concen: 0.879 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.017 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:142 Resp: 2587
Ion Ratio Lower Upper
142 100
127 25.2 37.6 56.4#
141 0.0 11.4 17.0#

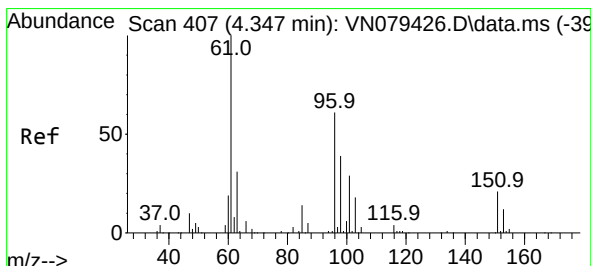
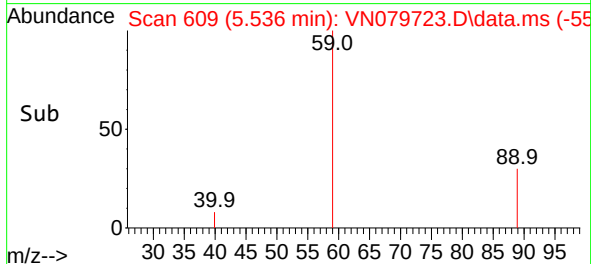
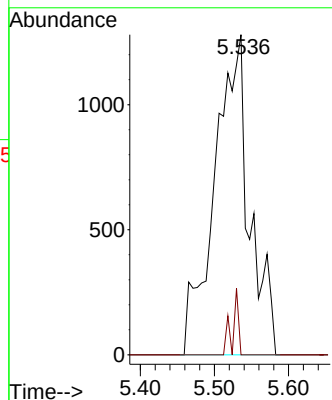
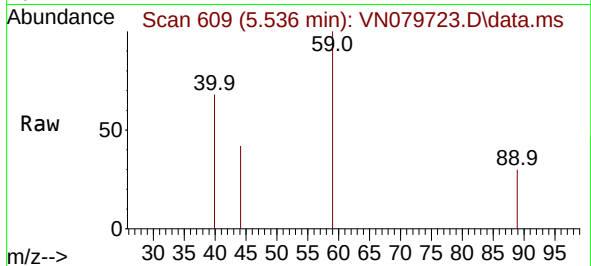




#11
Tert butyl alcohol
Concen: 7.878 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

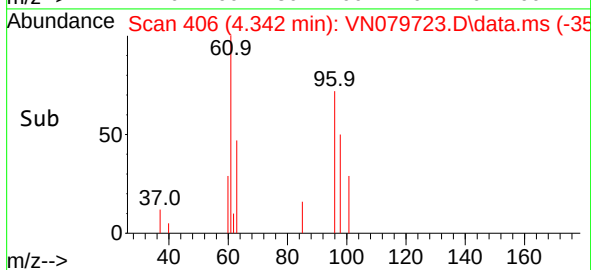
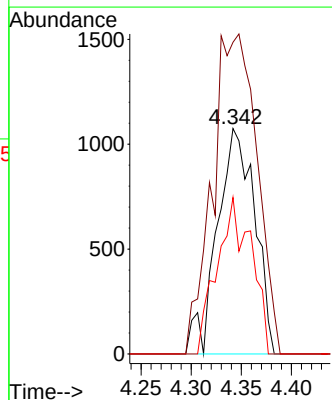
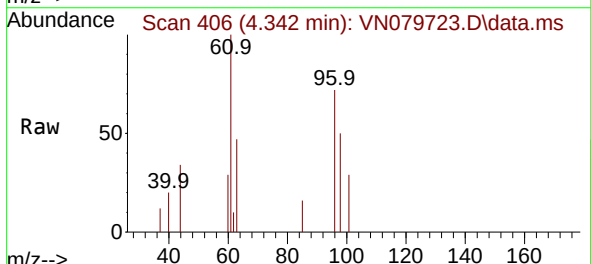
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

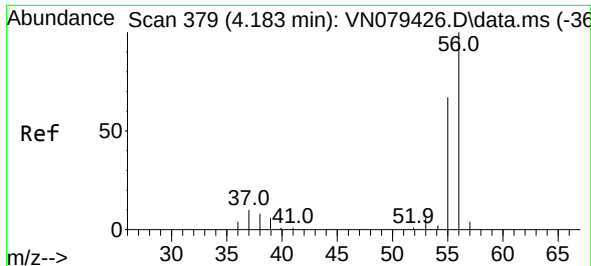
Tgt Ion: 59 Resp: 4183
Ion Ratio Lower Upper
59 100
57 3.6 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 1.021 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 96 Resp: 2797
Ion Ratio Lower Upper
96 100
61 138.2 112.7 169.1
98 69.4 51.2 76.8

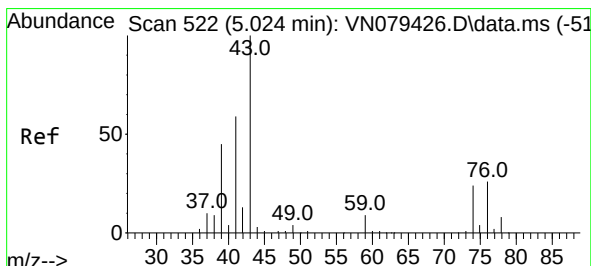
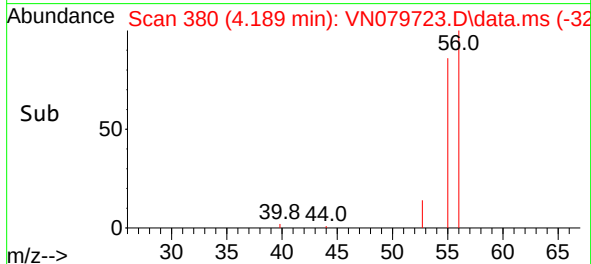
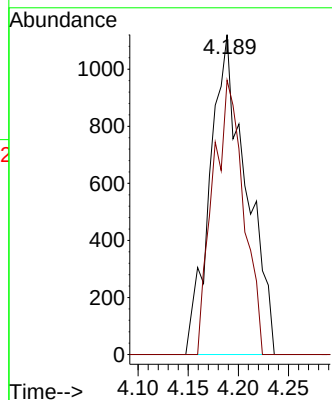
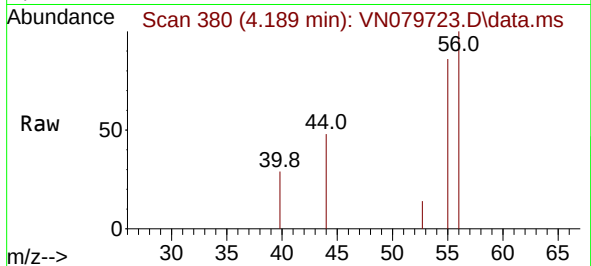




#13
Acrolein
Concen: 5.283 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

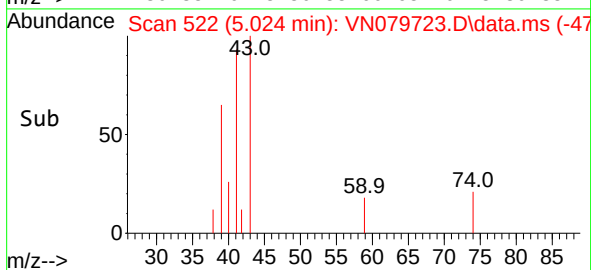
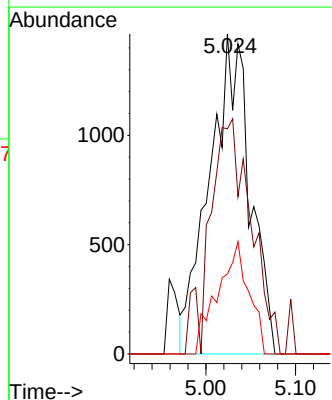
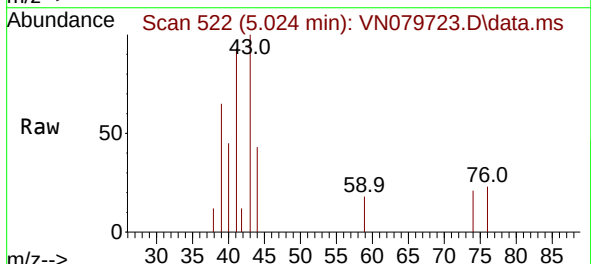
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

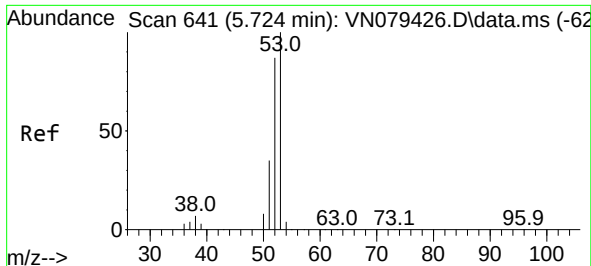
Tgt Ion: 56 Resp: 2822
Ion Ratio Lower Upper
56 100
55 72.3 54.5 81.7



#14
Allyl chloride
Concen: 1.002 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 41 Resp: 4604
Ion Ratio Lower Upper
41 100
39 74.8 58.8 88.2
76 27.0 39.1 58.7#

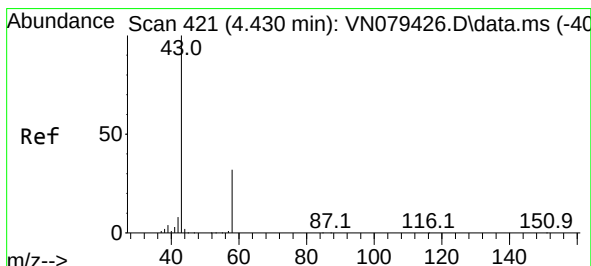
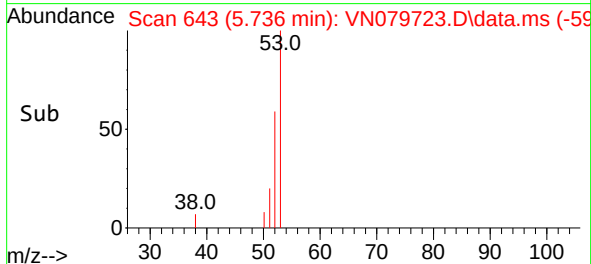
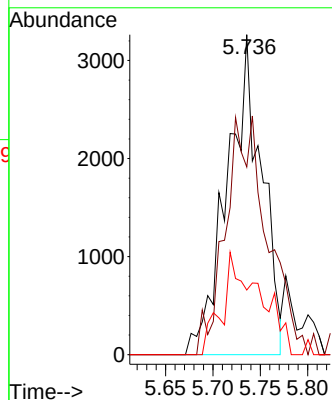
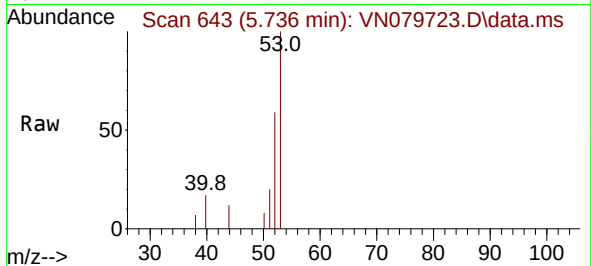




#15
Acrylonitrile
Concen: 5.063 ug/l
RT: 5.736 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

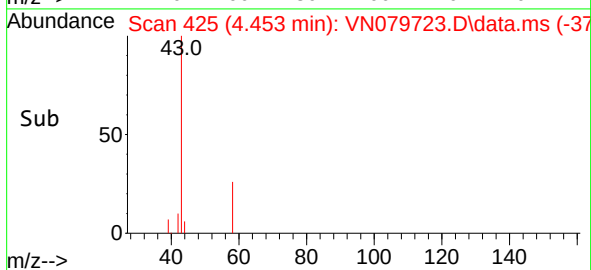
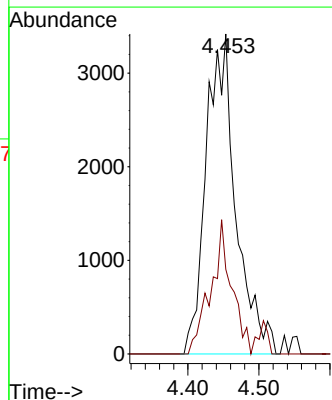
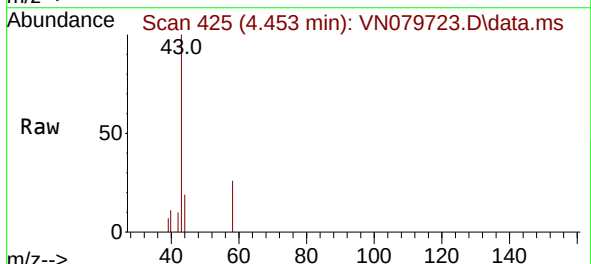
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

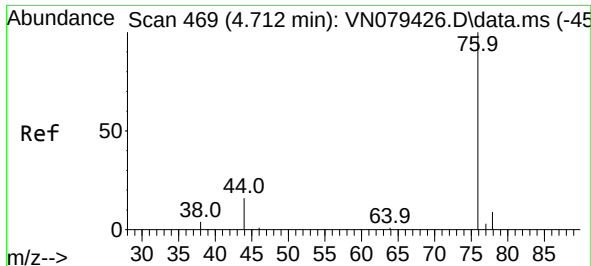
Tgt Ion: 53 Resp: 8273
Ion Ratio Lower Upper
53 100
52 91.0 65.3 97.9
51 0.0 28.9 43.3#



#16
Acetone
Concen: 5.798 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 43 Resp: 9931
Ion Ratio Lower Upper
43 100
58 26.4 28.0 42.0#

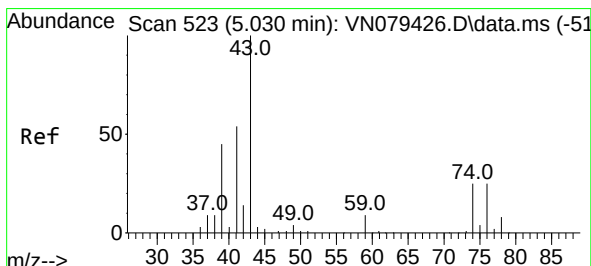
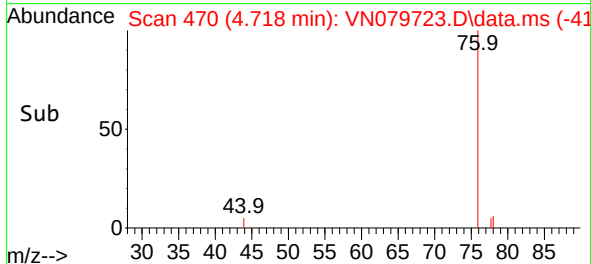
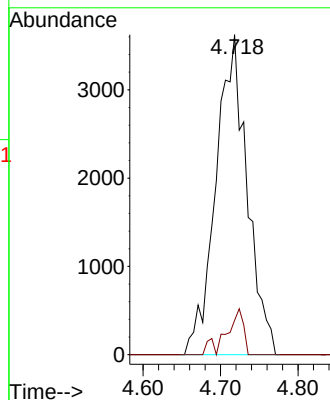
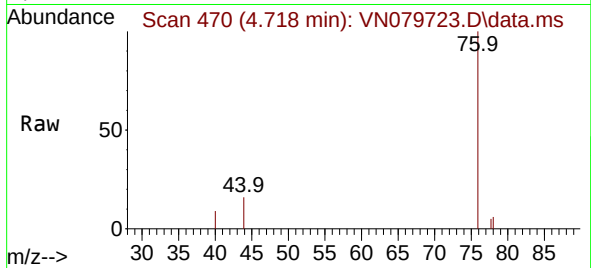




#17
Carbon Disulfide
Concen: 1.213 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

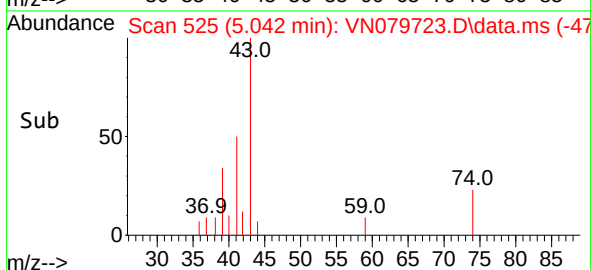
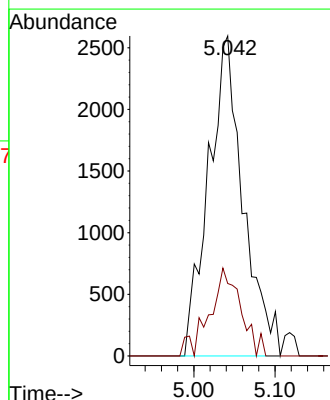
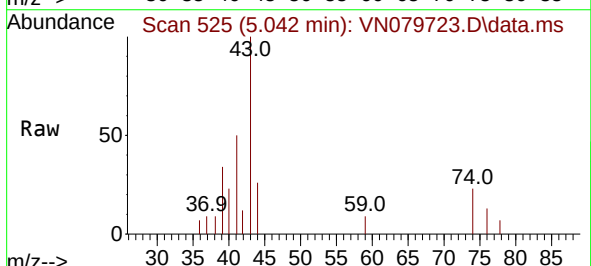
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

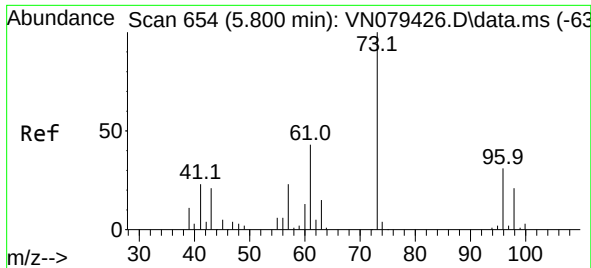
Tgt Ion: 76 Resp: 10144
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0



#18
Methyl Acetate
Concen: 1.117 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.012 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 43 Resp: 7719
Ion Ratio Lower Upper
43 100
74 24.9 26.2 39.4#

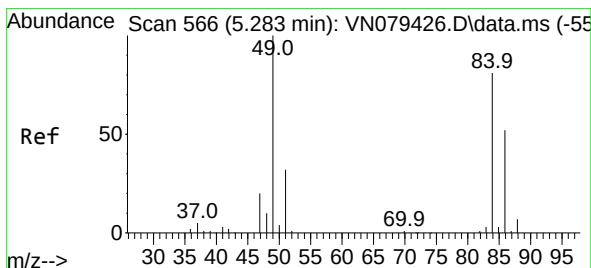
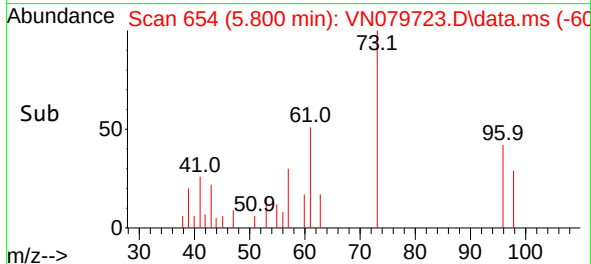
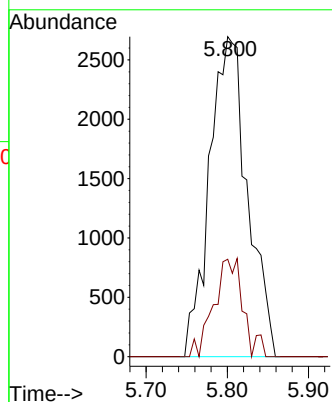
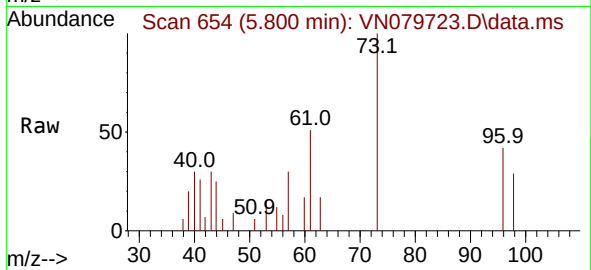




#19
Methyl tert-butyl Ether
Concen: 0.948 ug/l
RT: 5.800 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

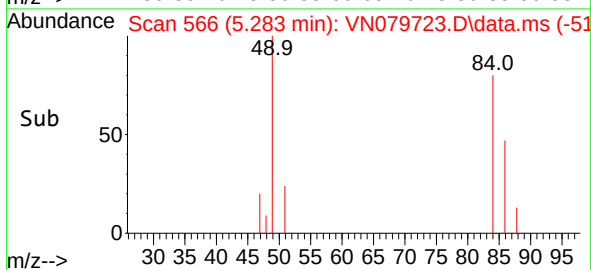
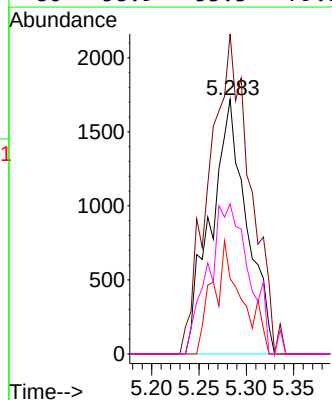
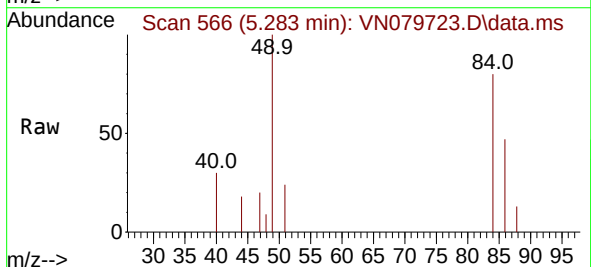
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

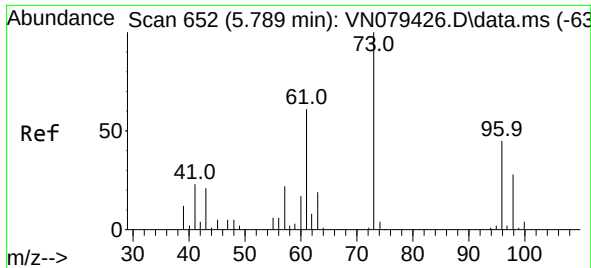
Tgt Ion: 73 Resp: 8782
Ion Ratio Lower Upper
73 100
57 30.5 15.6 23.4#



#20
Methylene Chloride
Concen: 1.341 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 84 Resp: 4549
Ion Ratio Lower Upper
84 100
49 125.7 79.7 119.5#
51 29.6 25.2 37.8
86 58.9 53.3 79.9

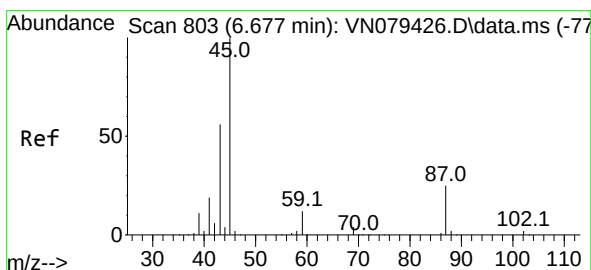
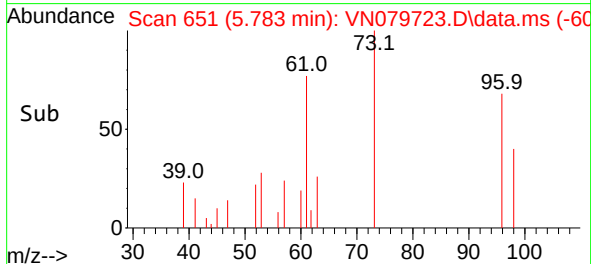
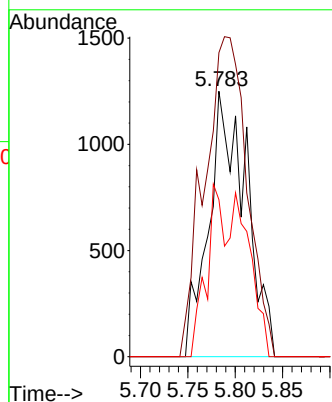
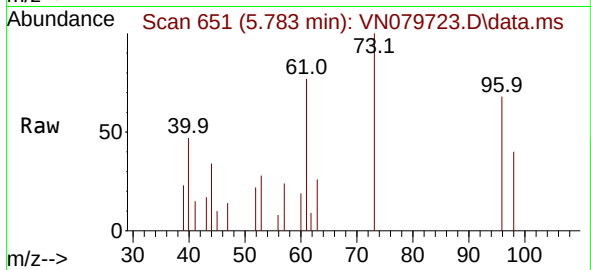




#21
trans-1,2-Dichloroethene
Concen: 1.111 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

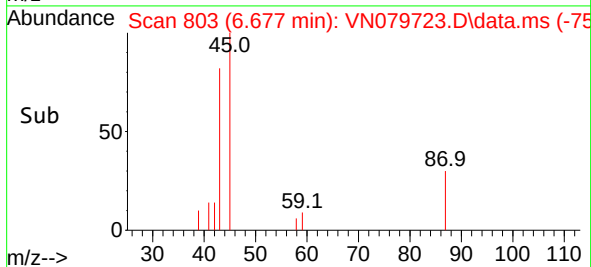
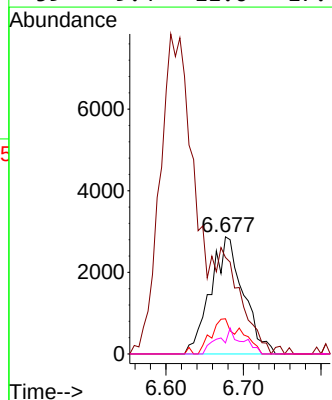
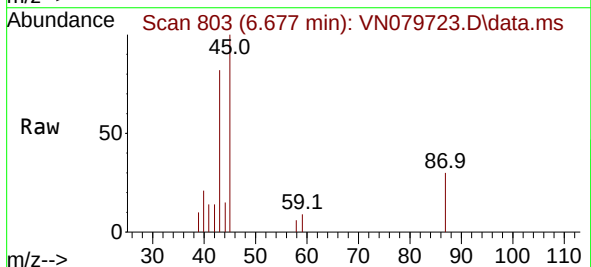
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

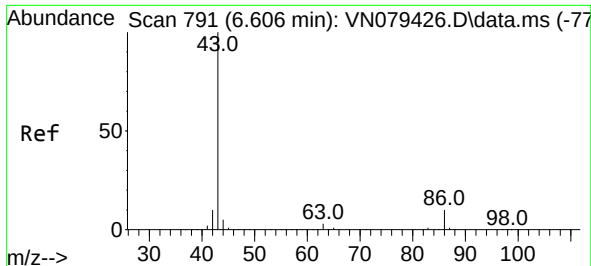
Tgt Ion: 96 Resp: 3455
Ion Ratio Lower Upper
96 100
61 114.6 90.1 135.1
98 59.1 46.4 69.6



#22
Diisopropyl ether
Concen: 0.815 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 45 Resp: 8418
Ion Ratio Lower Upper
45 100
43 75.8 45.5 68.3#
87 30.0 31.8 47.8#
59 9.4 11.6 17.4#

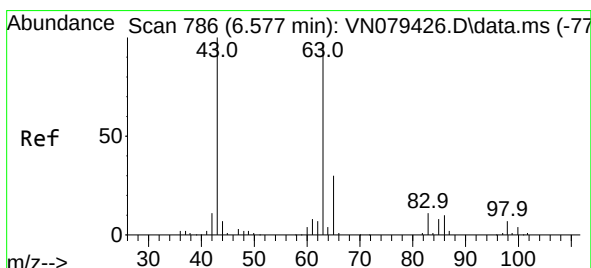
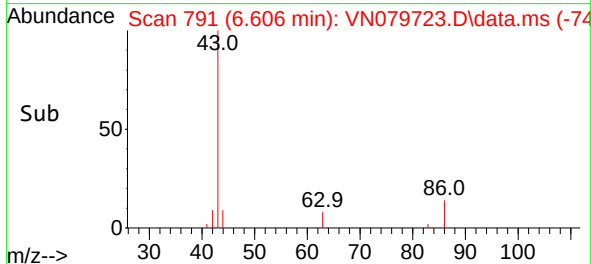
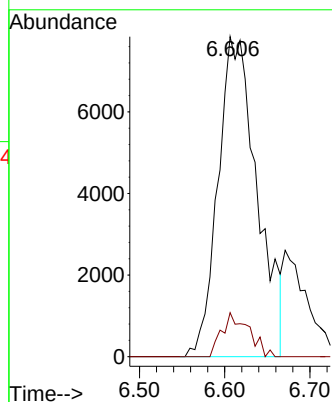
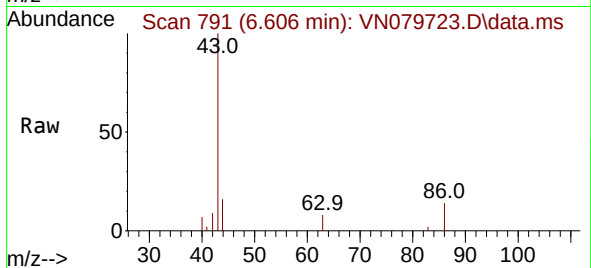




#23
 Vinyl Acetate
 Concen: 4.401 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

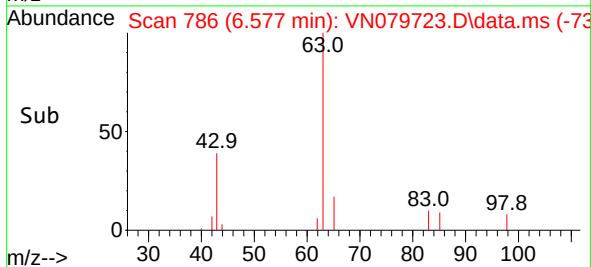
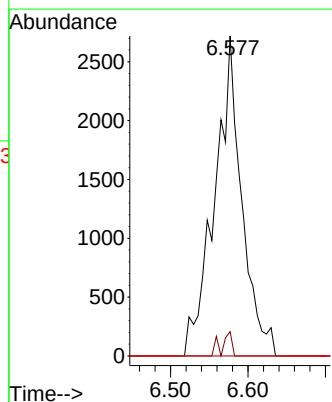
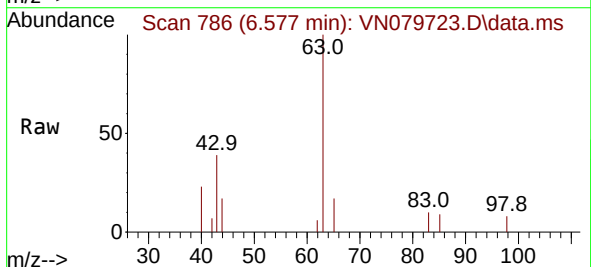
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

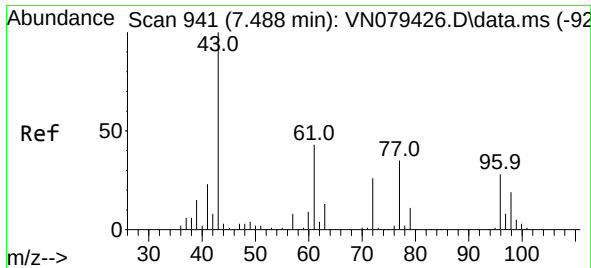
Tgt Ion: 43 Resp: 25021
 Ion Ratio Lower Upper
 43 100
 86 13.8 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 1.071 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

Tgt Ion: 63 Resp: 6626
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 0.0 2.5 7.4#

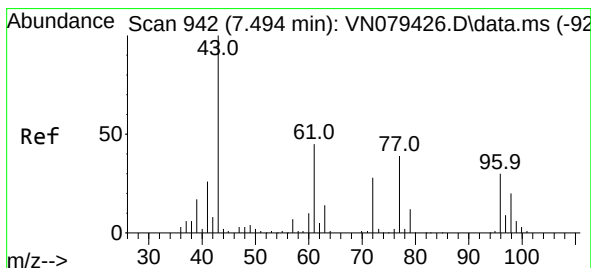
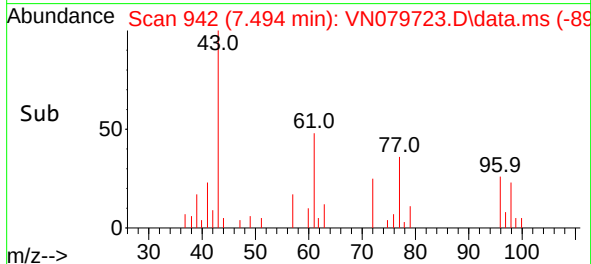
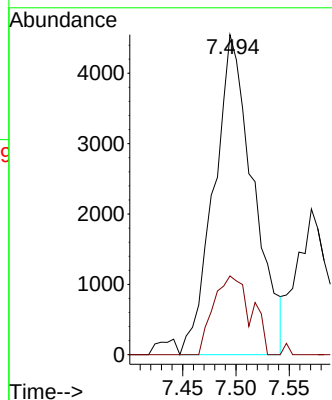
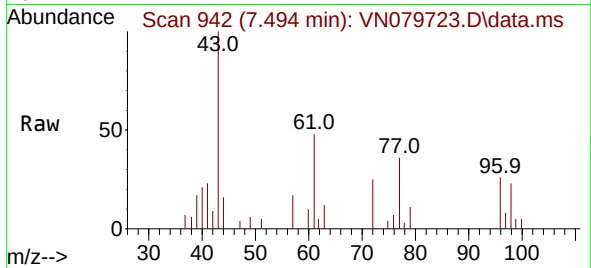




#25
2-Butanone
Concen: 4.965 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

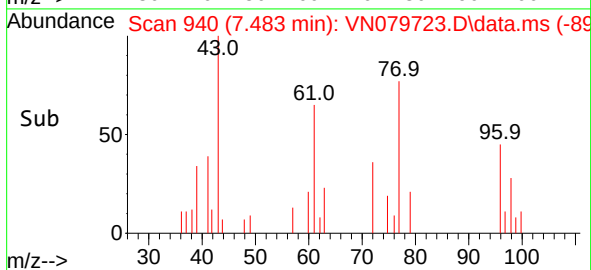
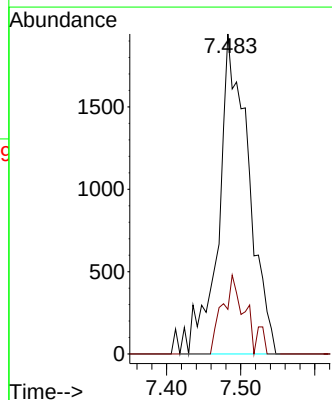
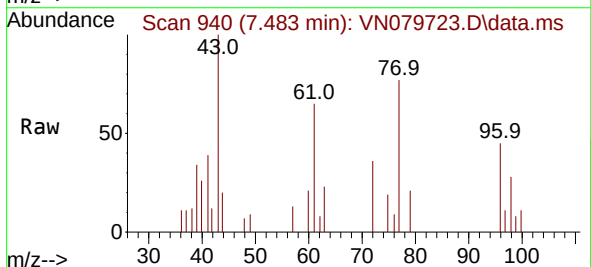
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

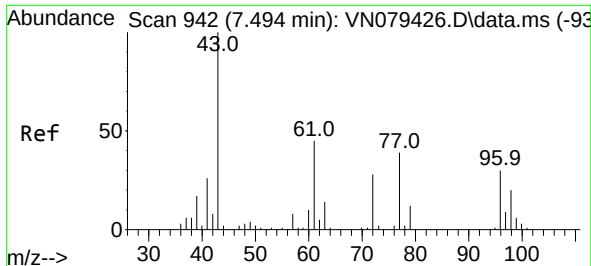
Tgt Ion: 43 Resp: 11680
Ion Ratio Lower Upper
43 100
72 24.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 1.090 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.011 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 77 Resp: 5460
Ion Ratio Lower Upper
77 100
97 19.3 11.2 33.6



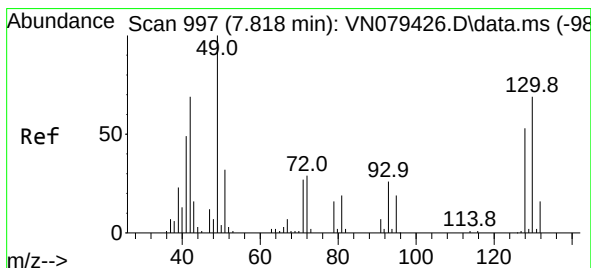
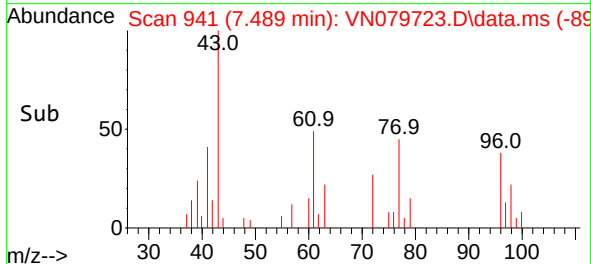
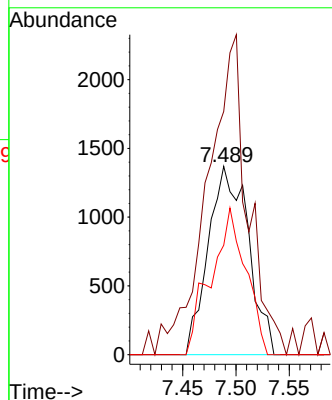
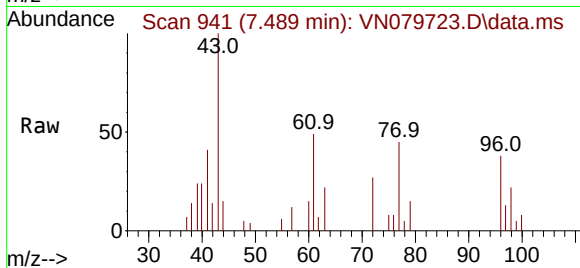


#27
 cis-1,2-Dichloroethene
 Concen: 0.998 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 3573

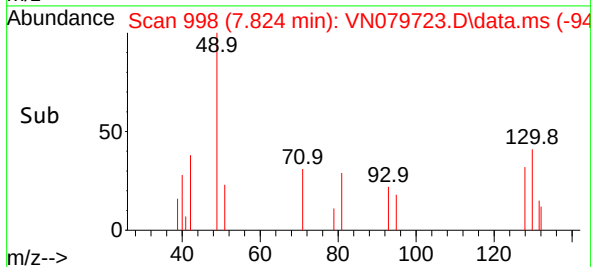
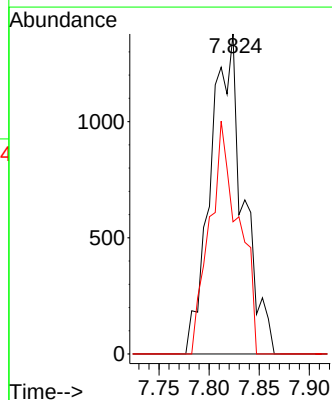
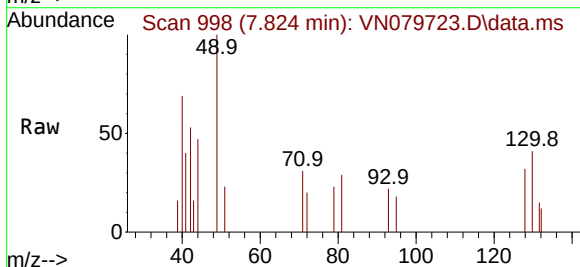
Ion	Ratio	Lower	Upper
96	100		
61	173.0	0.0	255.2
98	68.1	0.0	128.8

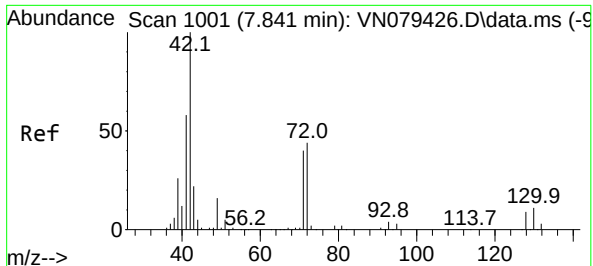


#28
 Bromochloromethane
 Concen: 1.034 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

Tgt Ion: 49 Resp: 3130

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	64.5	75.3	112.9





#29

Tetrahydrofuran

Concen: 4.109 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

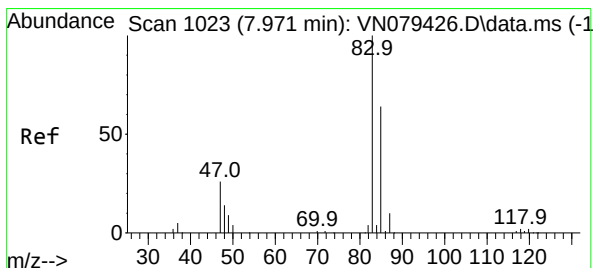
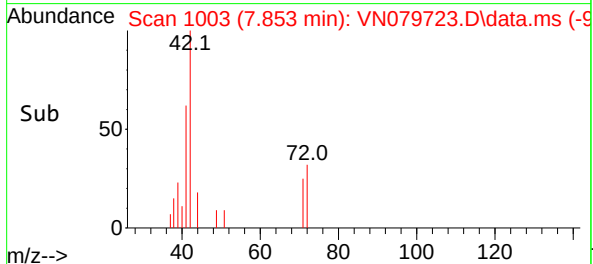
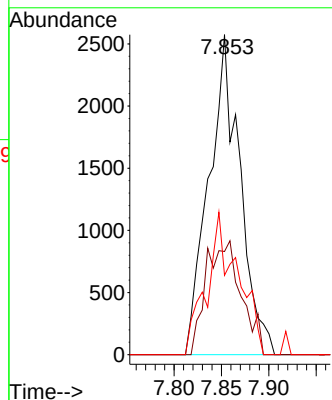
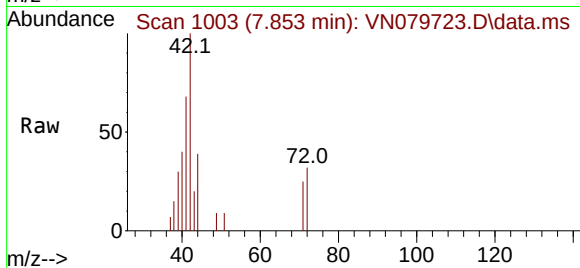
Tgt Ion: 42 Resp: 5906

Ion Ratio Lower Upper

42 100

72 40.2 49.8 74.6#

71 44.2 47.4 71.2#



#30

Chloroform

Concen: 1.019 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079723.D

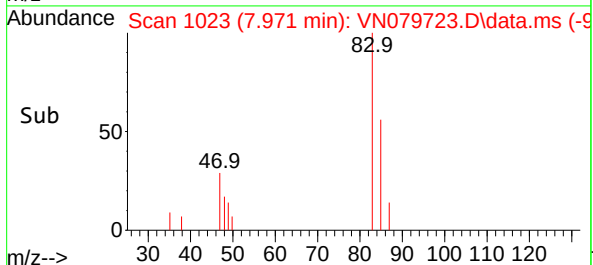
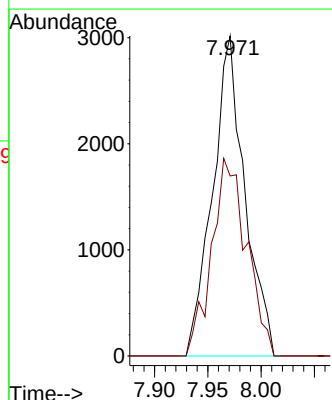
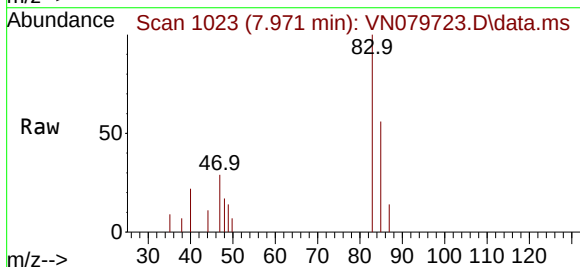
Acq: 30 Oct 2023 14:16

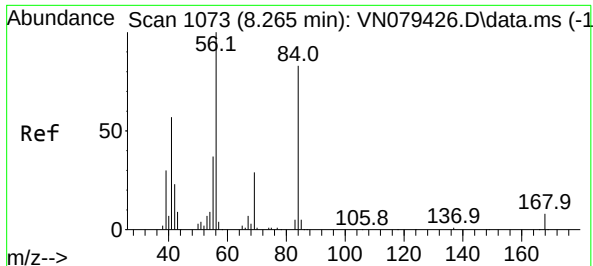
Tgt Ion: 83 Resp: 6348

Ion Ratio Lower Upper

83 100

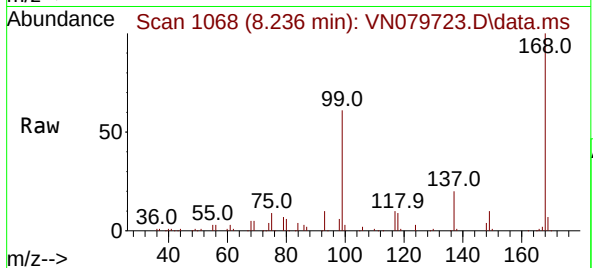
85 56.3 55.4 83.0



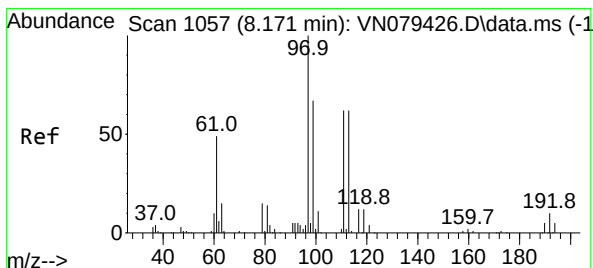
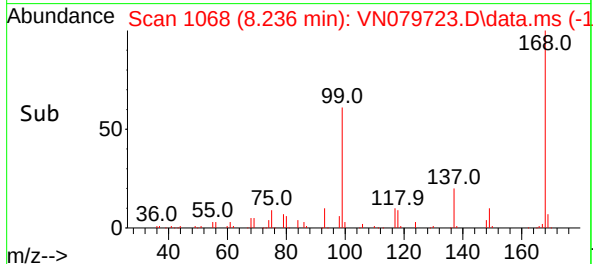
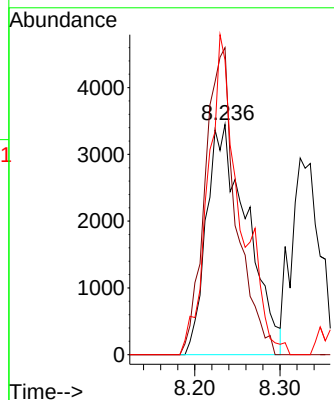


#31
Cyclohexane
Concen: 2.095 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

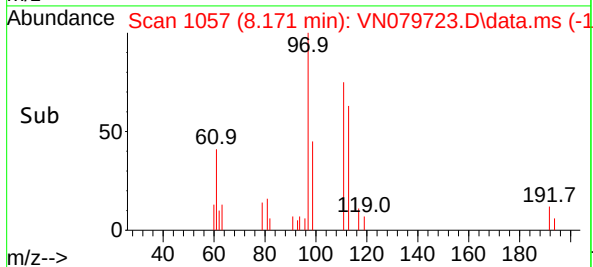
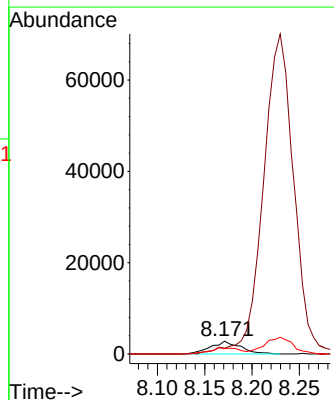
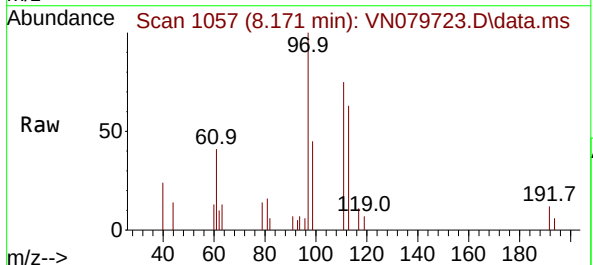


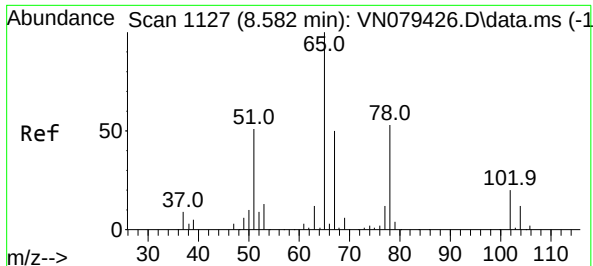
Tgt Ion: 56 Resp: 11440
Ion Ratio Lower Upper
56 100
69 133.4 26.8 40.2#
84 128.0 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 1.130 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 97 Resp: 6106
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 47.2 34.7 52.1

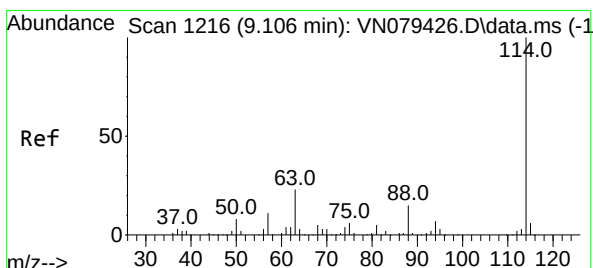
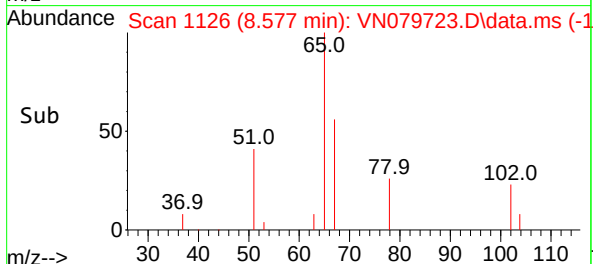
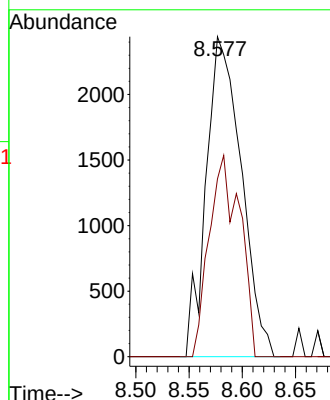
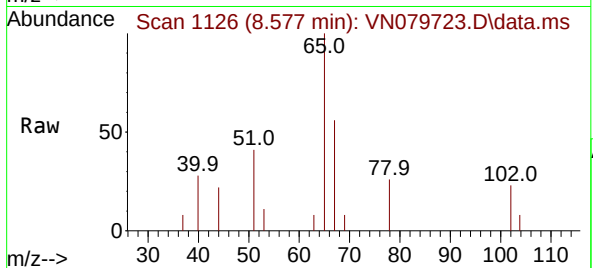




#33
 1,2-Dichloroethane-d4
 Concen: 1.400 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

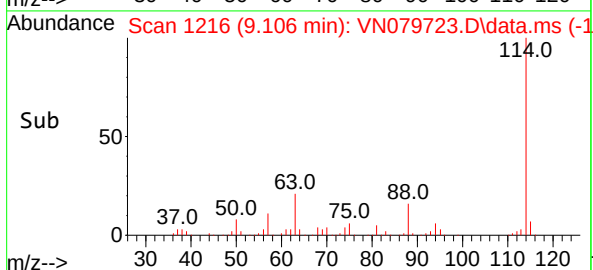
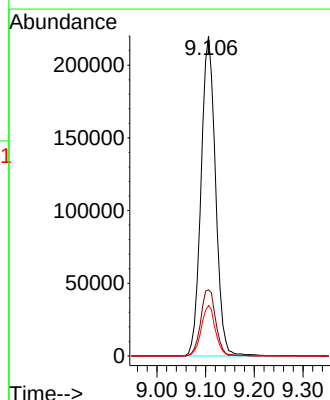
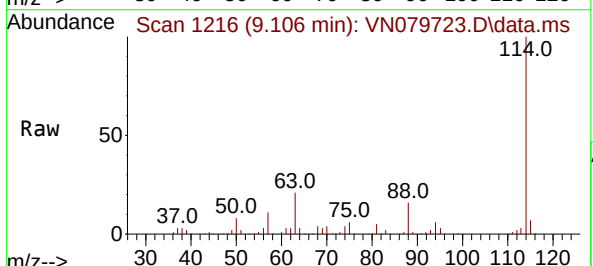
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

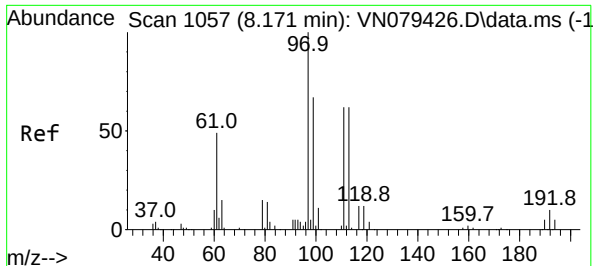
Tgt Ion: 65 Resp: 5603
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

Tgt Ion: 114 Resp: 453904
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 36.4
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 1.395 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

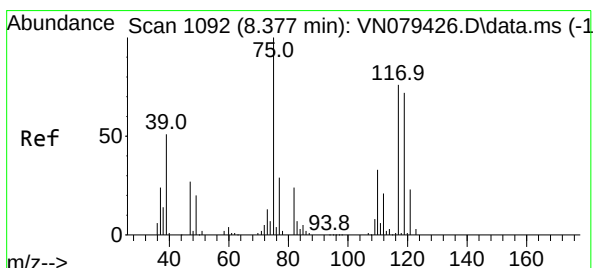
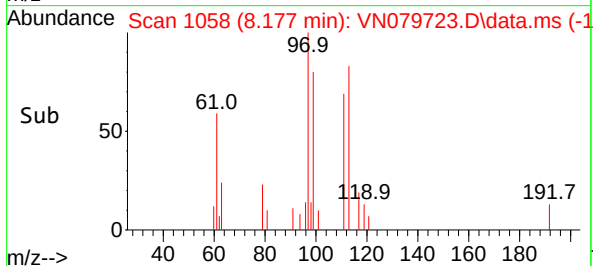
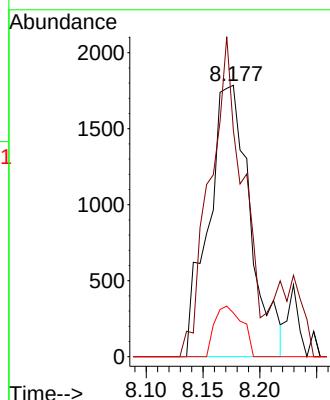
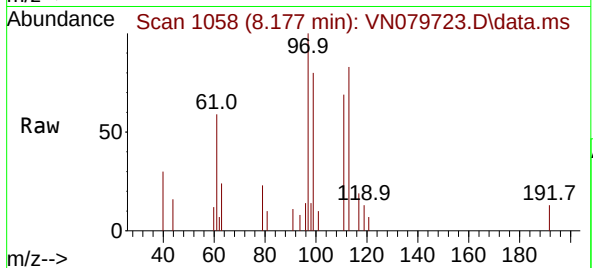
Tgt Ion:113 Resp: 4524

Ion Ratio Lower Upper

113 100

111 96.0 82.6 123.8

192 12.4 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 0.983 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

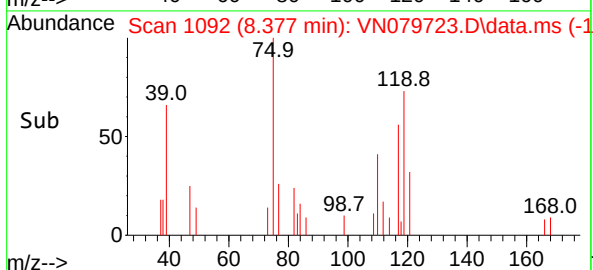
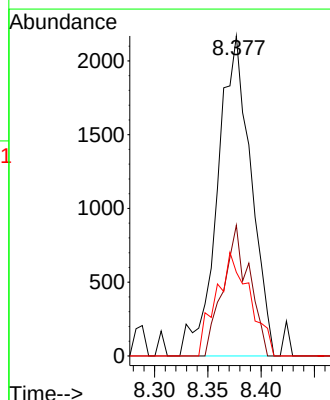
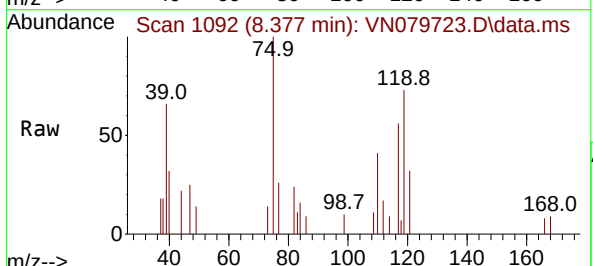
Tgt Ion: 75 Resp: 4730

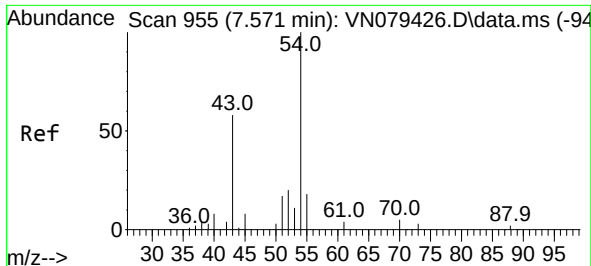
Ion Ratio Lower Upper

75 100

110 32.0 19.1 57.3

77 32.6 25.0 37.4





#37

Ethyl Acetate

Concen: 0.950 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

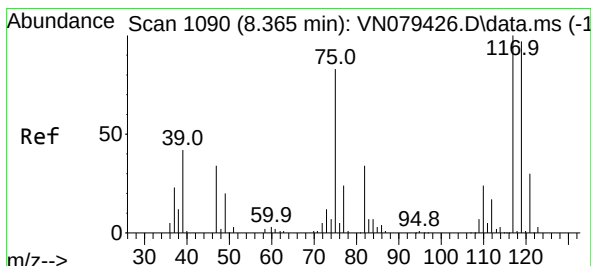
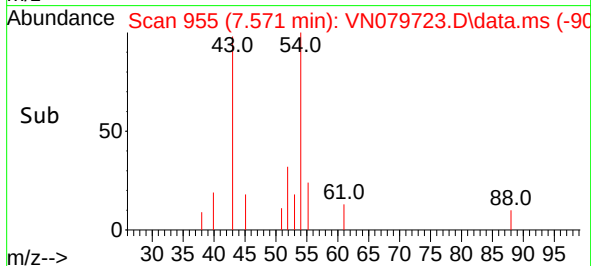
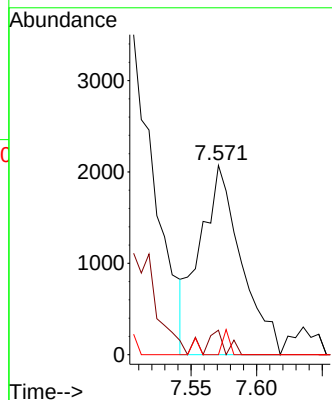
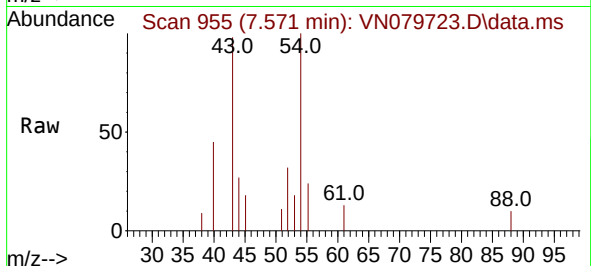
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:	43	Resp:	4532
Ion	Ratio	Lower	Upper
43	100		
61	6.4	13.2	19.8#
70	2.1	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 1.035 ug/l

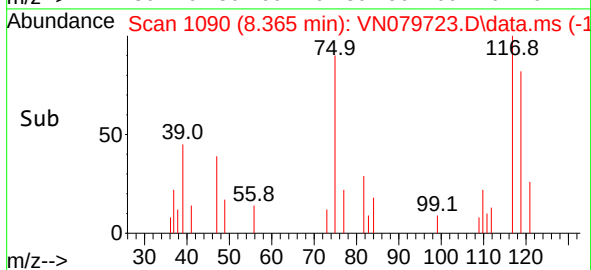
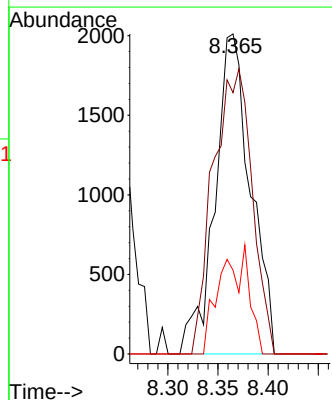
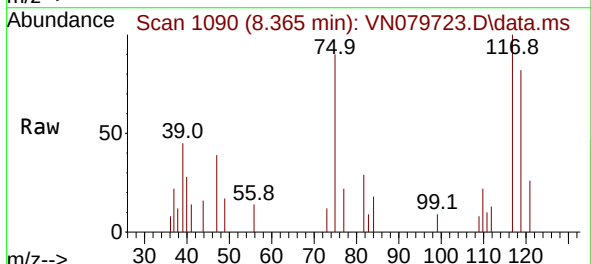
RT: 8.365 min Scan# 1090

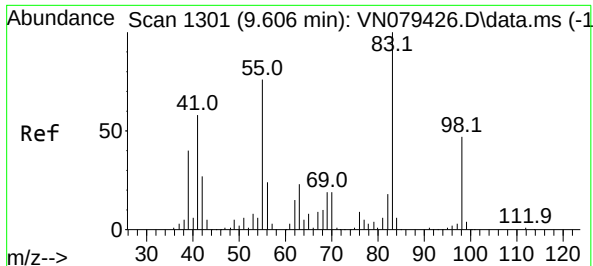
Delta R.T. -0.000 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Tgt Ion:	117	Resp:	4967
Ion	Ratio	Lower	Upper
117	100		
119	81.7	77.3	115.9
121	26.2	23.3	34.9





#39

Methylcyclohexane

Concen: 0.852 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

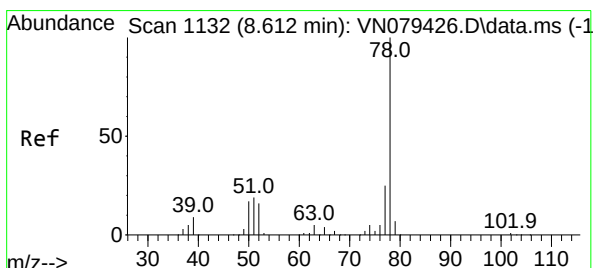
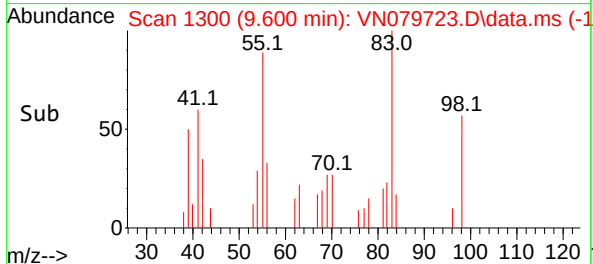
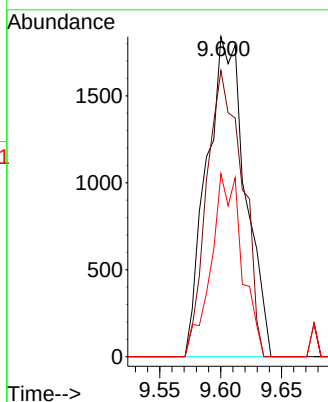
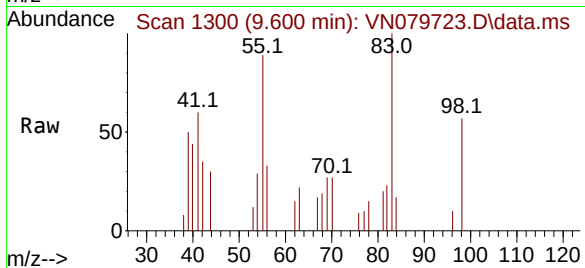
Tgt Ion: 83 Resp: 4077

Ion Ratio Lower Upper

83 100

55 89.4 49.1 73.7#

98 57.2 40.6 61.0



#40

Benzene

Concen: 1.002 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079723.D

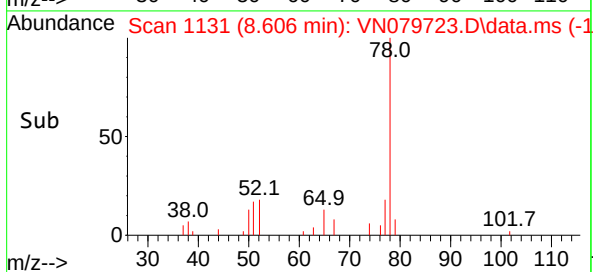
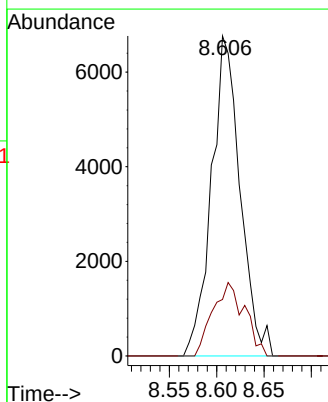
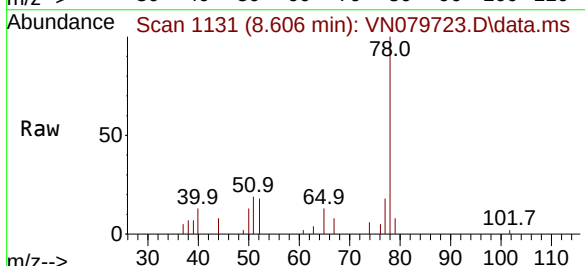
Acq: 30 Oct 2023 14:16

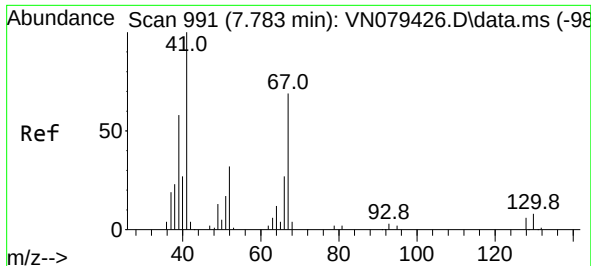
Tgt Ion: 78 Resp: 14232

Ion Ratio Lower Upper

78 100

77 17.7 19.0 28.6#

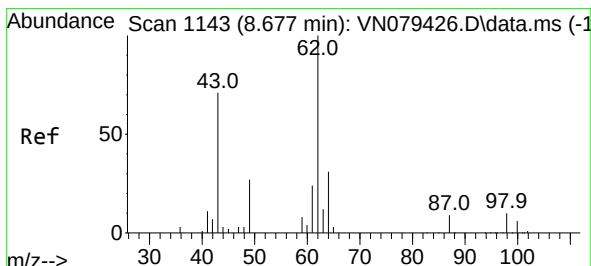
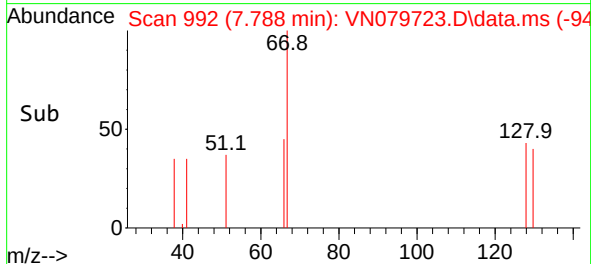
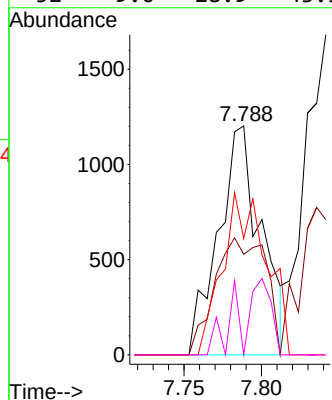
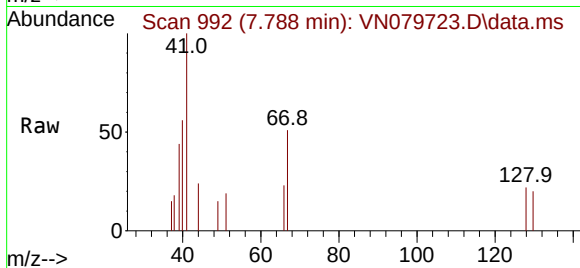




#41
Methacrylonitrile
Concen: 0.927 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.005 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

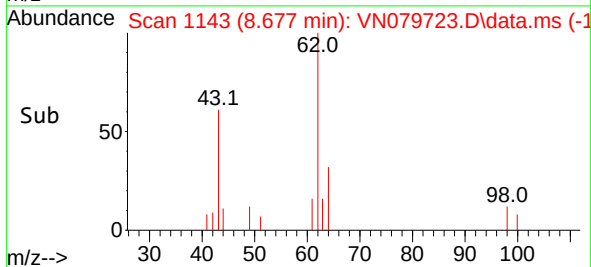
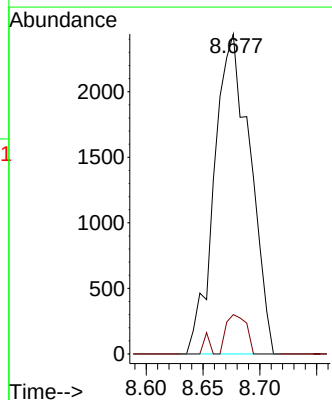
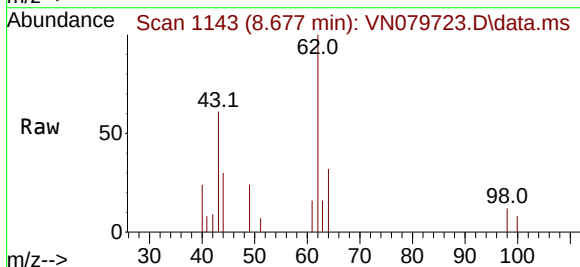
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

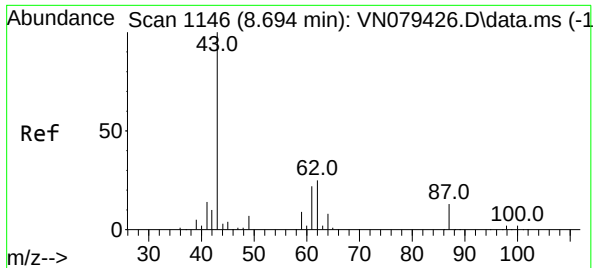
Tgt Ion:	41	Resp:	2307
Ion	Ratio	Lower	Upper
41	100		
39	60.7	42.6	64.0
67	72.0	77.5	116.3#
52	9.0	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 1.036 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:	62	Resp:	5343
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	19.8

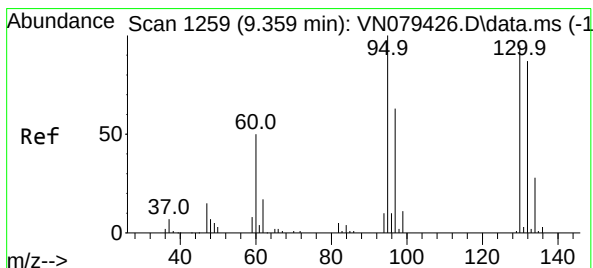
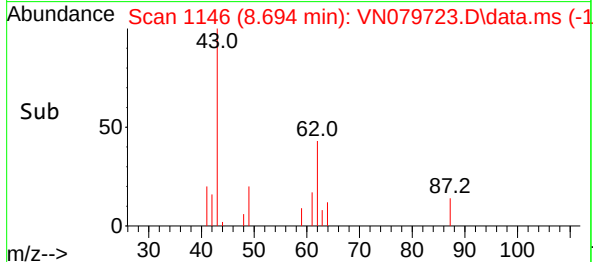
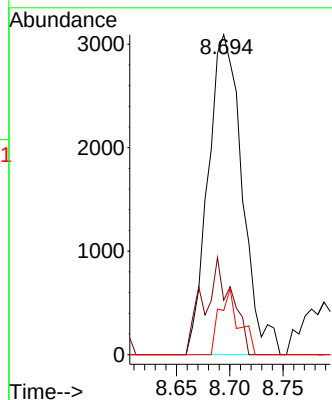
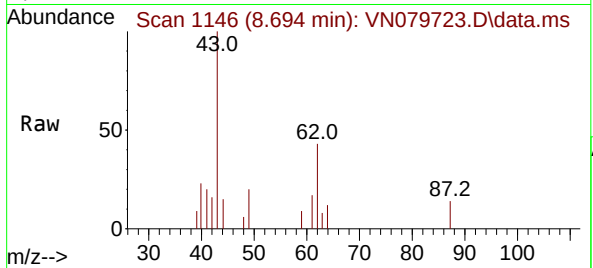




#43
Isopropyl Acetate
Concen: 0.902 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

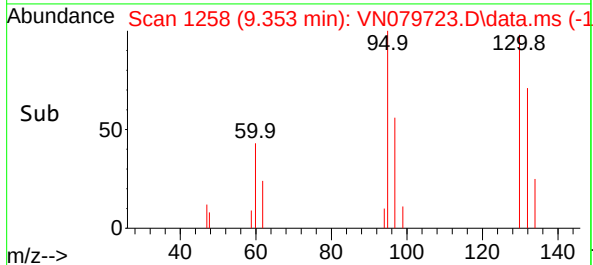
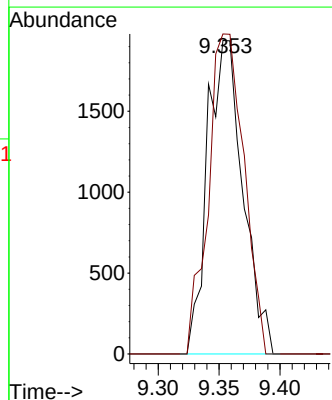
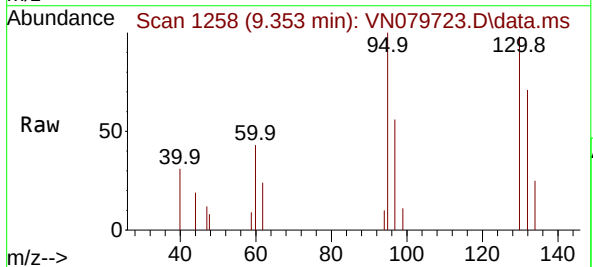
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

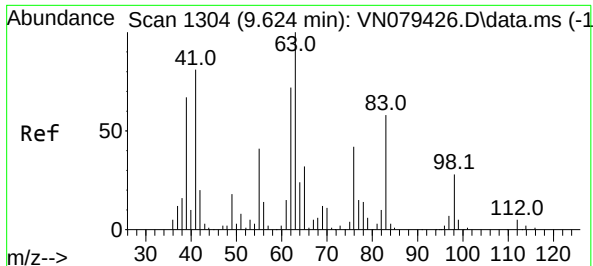
Tgt Ion: 43 Resp: 6874
Ion Ratio Lower Upper
43 100
61 24.8 24.7 37.1
87 11.8 14.6 21.8#



#44
Trichloroethene
Concen: 1.146 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:130 Resp: 3943
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.984 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

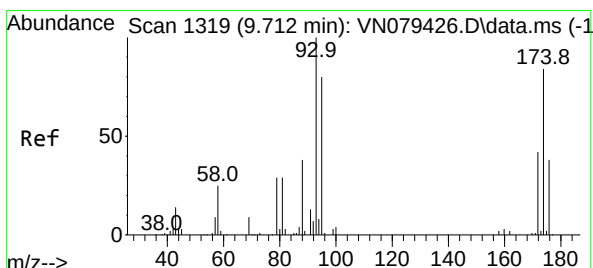
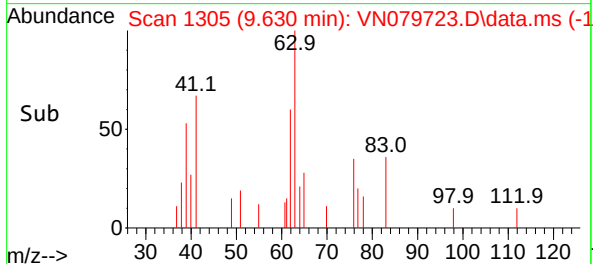
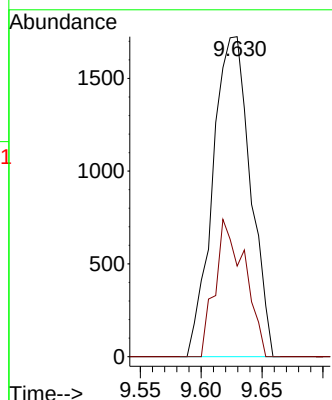
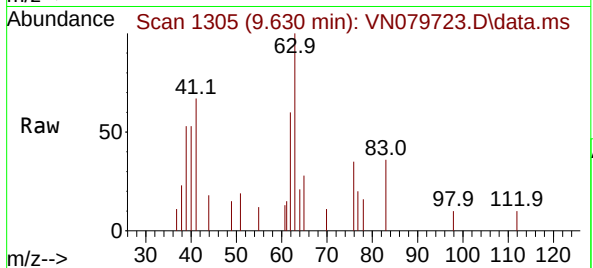
VSTDIC001

Tgt Ion: 63 Resp: 3712

Ion Ratio Lower Upper

63 100

65 28.3 23.9 35.9



#46

Dibromomethane

Concen: 1.056 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

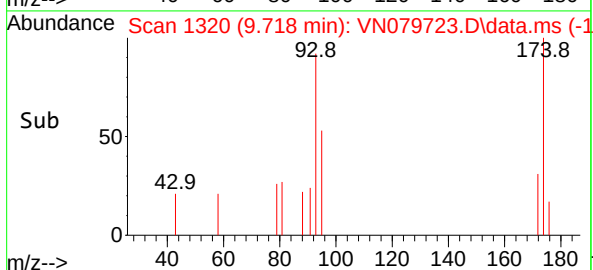
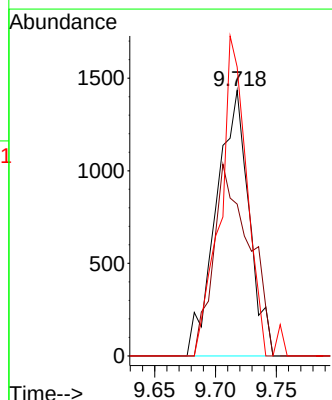
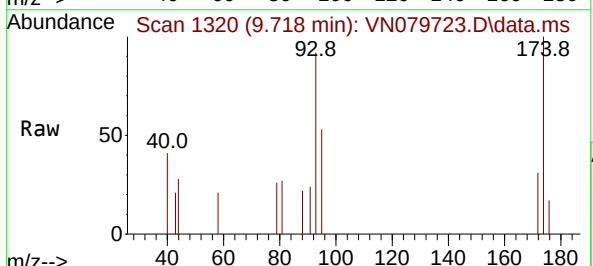
Tgt Ion: 93 Resp: 2686

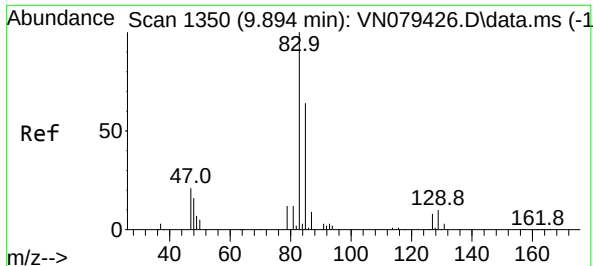
Ion Ratio Lower Upper

93 100

95 78.5 63.8 95.8

174 97.4 65.6 98.4

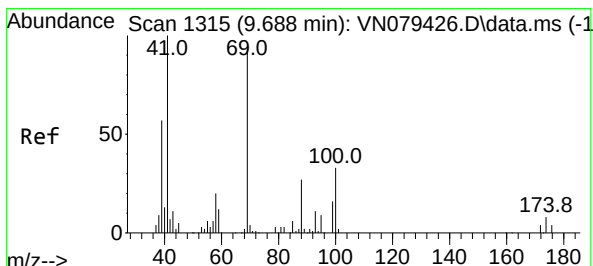
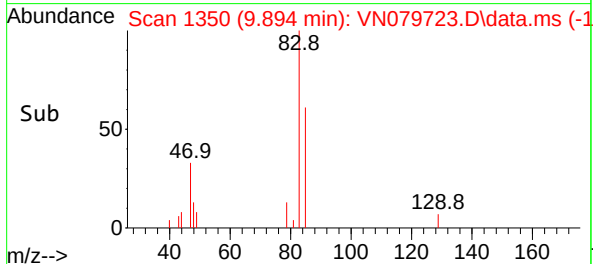
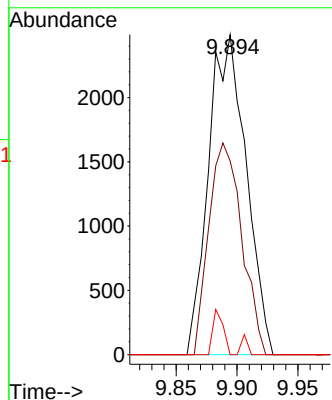
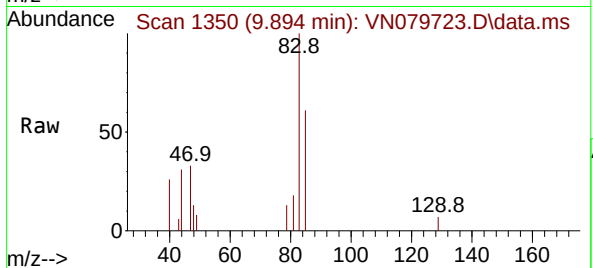




#47
Bromodichloromethane
Concen: 1.047 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

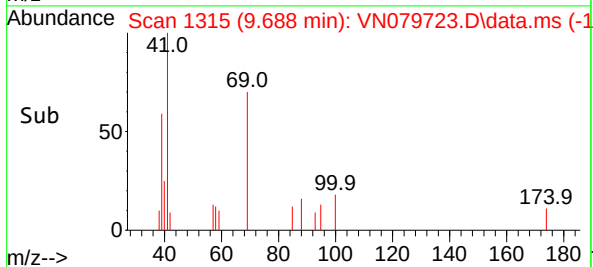
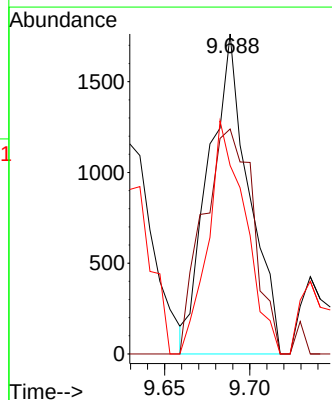
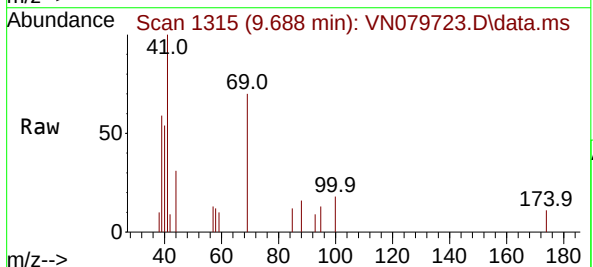
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

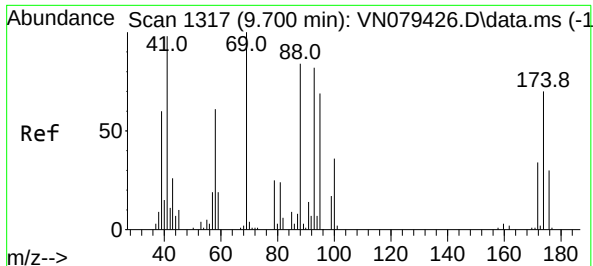
Tgt Ion: 83 Resp: 5343
Ion Ratio Lower Upper
83 100
85 60.5 49.6 74.4
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.816 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 41 Resp: 2886
Ion Ratio Lower Upper
41 100
69 87.7 90.4 135.6#
39 67.6 54.6 81.8





#49

1,4-Dioxane

Concen: 14.388 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

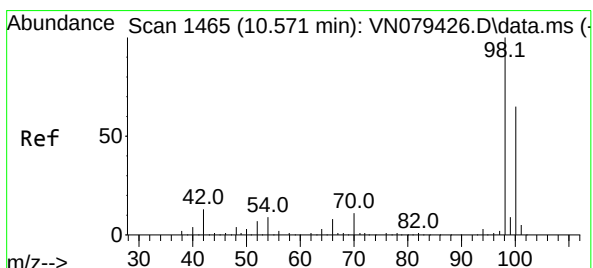
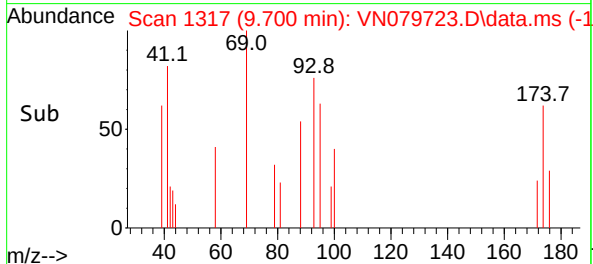
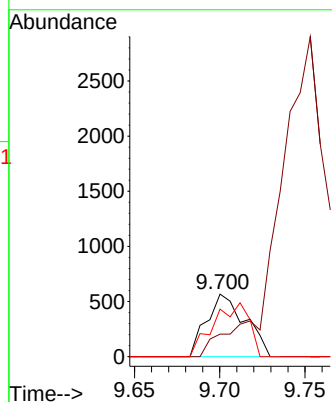
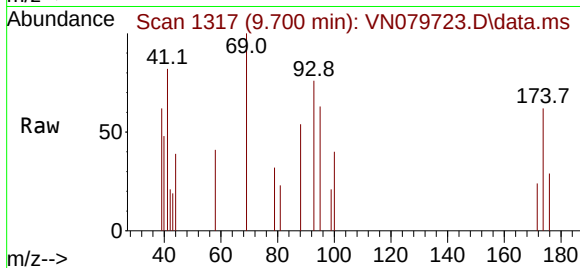
Tgt Ion: 88 Resp: 895

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 79.8 47.0 70.4#



#50

Toluene-d8

Concen: 0.974 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079723.D

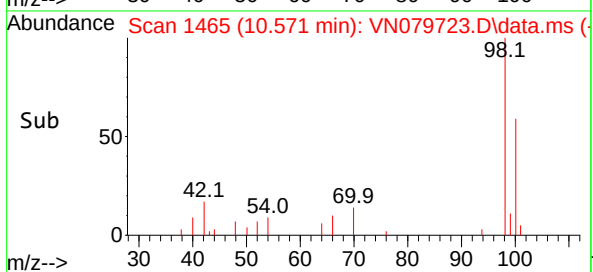
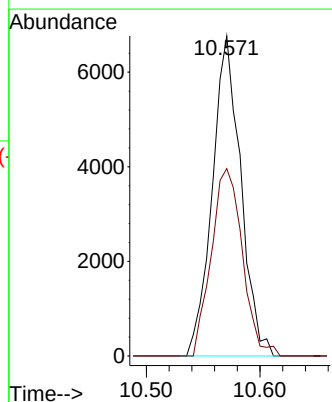
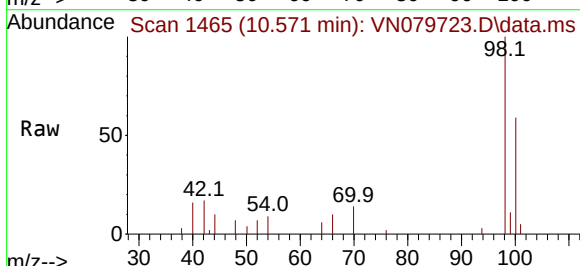
Acq: 30 Oct 2023 14:16

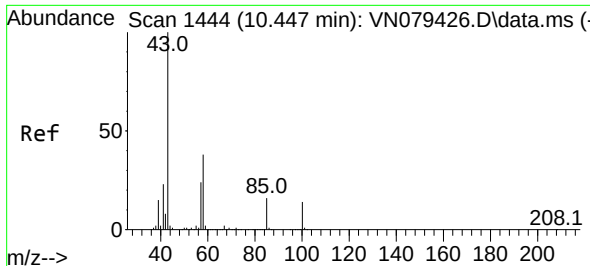
Tgt Ion: 98 Resp: 11771

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 4.186 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

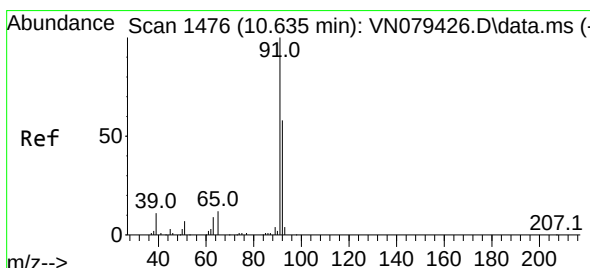
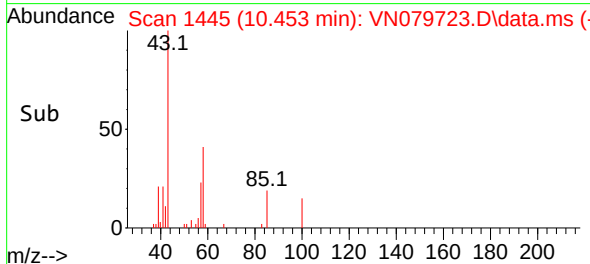
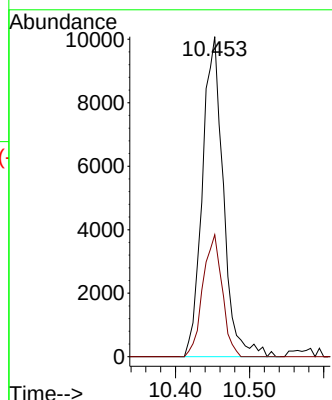
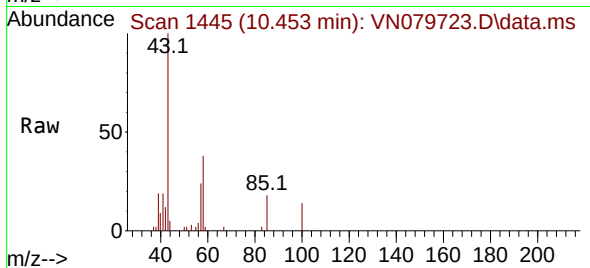
VSTDICC001

Tgt Ion: 43 Resp: 19858

Ion Ratio Lower Upper

43 100

58 35.1 36.6 54.8#



#52

Toluene

Concen: 0.850 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079723.D

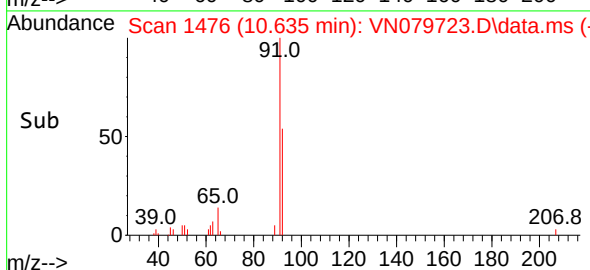
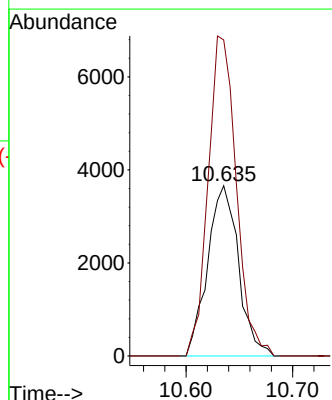
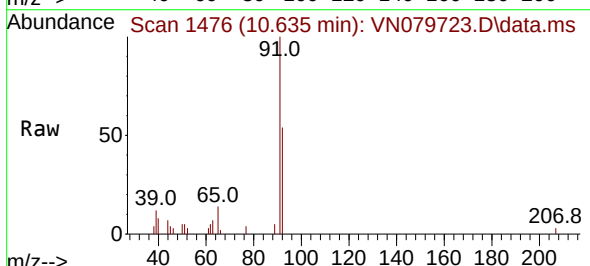
Acq: 30 Oct 2023 14:16

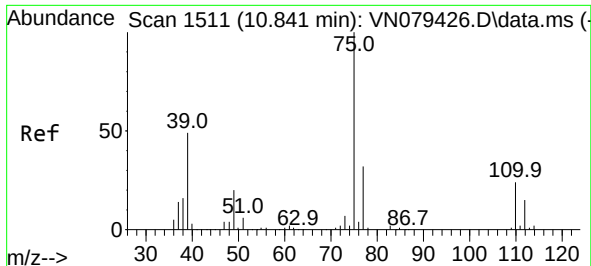
Tgt Ion: 92 Resp: 7365

Ion Ratio Lower Upper

92 100

91 171.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 0.858 ug/l

RT: 10.835 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

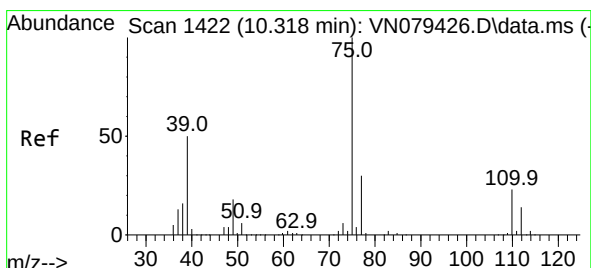
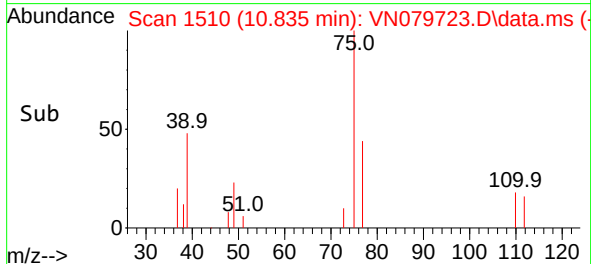
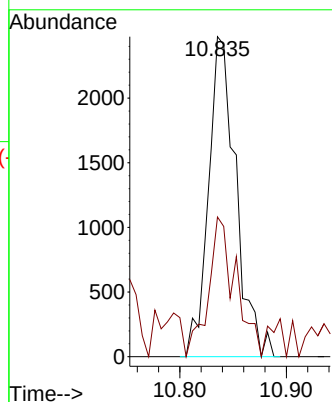
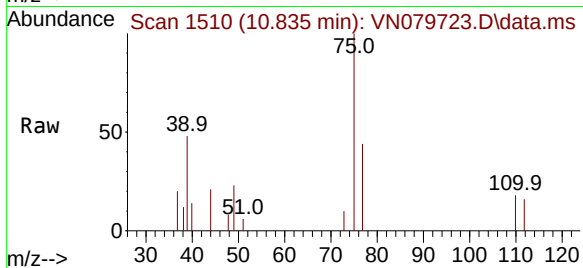
VSTDICC001

Tgt Ion: 75 Resp: 4422

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 0.795 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

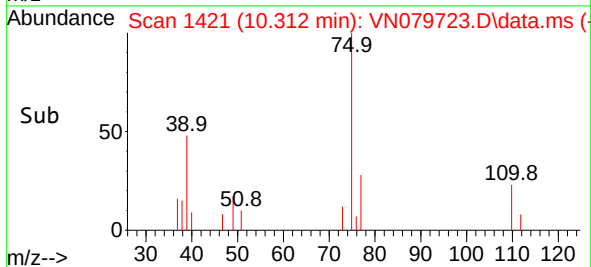
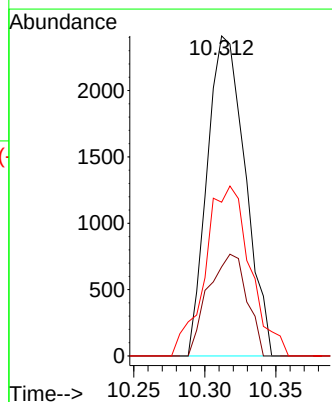
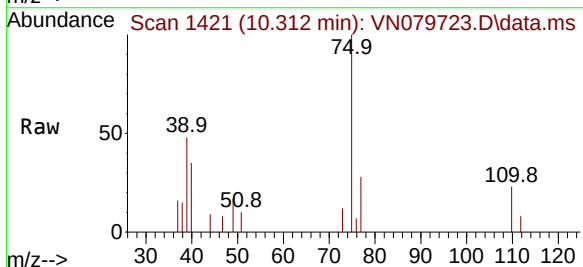
Tgt Ion: 75 Resp: 4484

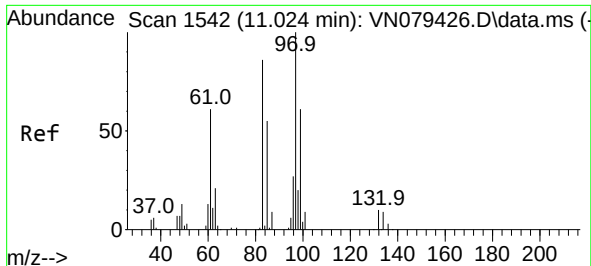
Ion Ratio Lower Upper

75 100

77 27.9 26.1 39.1

39 41.8 31.6 47.4

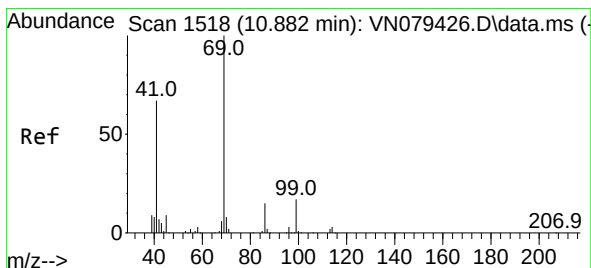
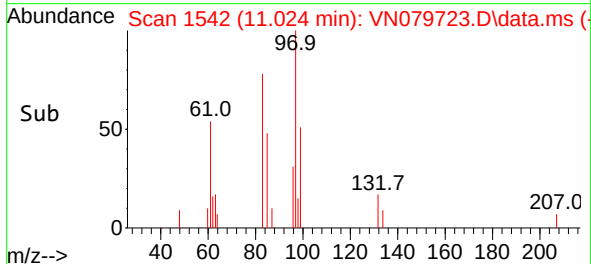
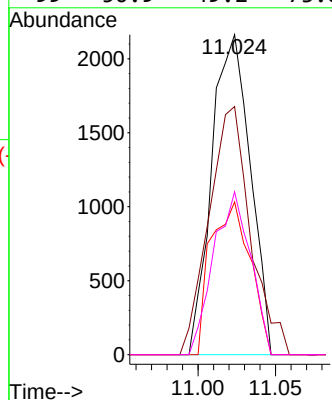
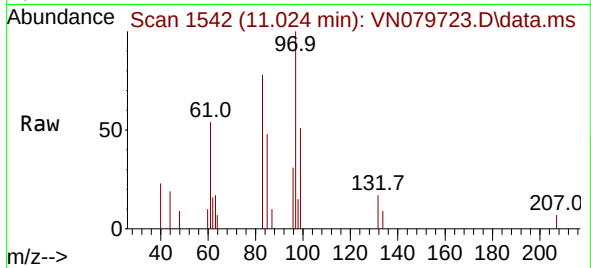




#55
1,1,2-Trichloroethane
Concen: 1.091 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

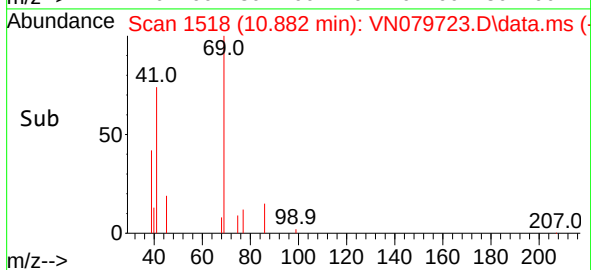
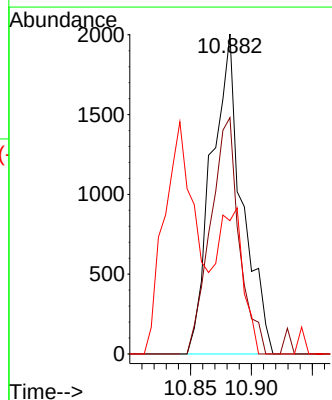
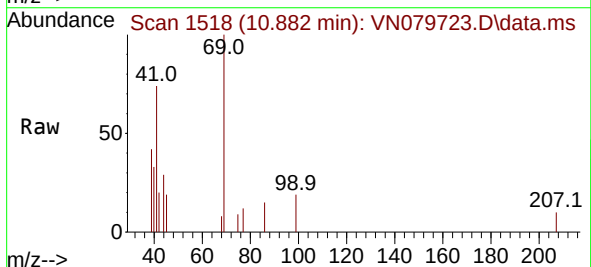
Instrument : MSVOA_N
ClientSampleId : VSTDIC001

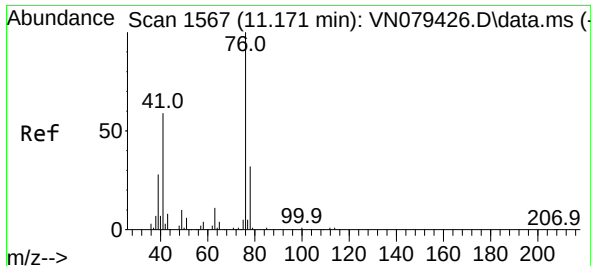
Tgt Ion:	97	Resp:	3740
Ion	Ratio	Lower	Upper
97	100		
83	77.5	65.1	97.7
85	47.8	43.4	65.2
99	50.9	49.2	73.8



#56
Ethyl methacrylate
Concen: 0.724 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:	69	Resp:	3506
Ion	Ratio	Lower	Upper
69	100		
41	69.5	39.6	59.4#
39	38.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 0.944 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

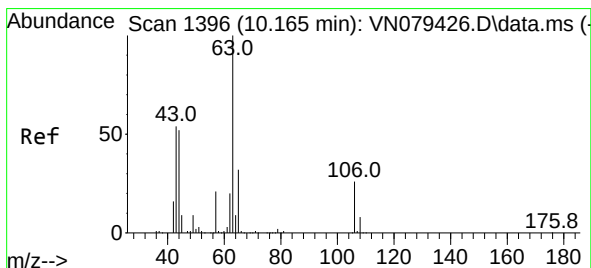
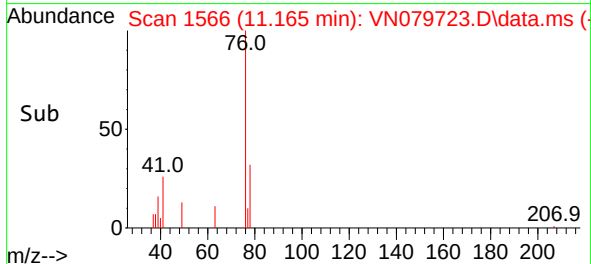
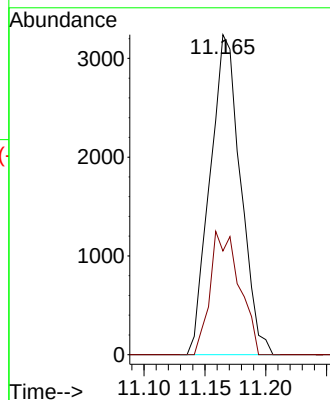
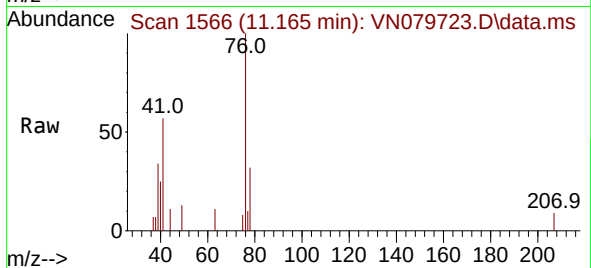
VSTDICC001

Tgt Ion: 76 Resp: 5665

Ion Ratio Lower Upper

76 100

78 36.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.439 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079723.D

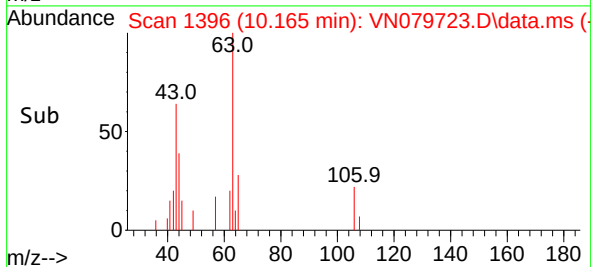
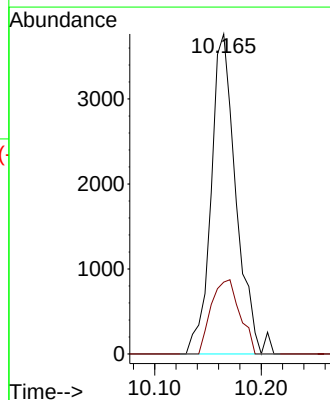
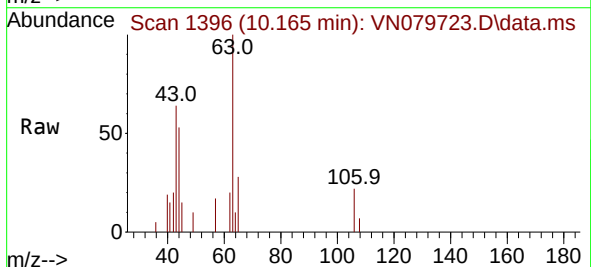
Acq: 30 Oct 2023 14:16

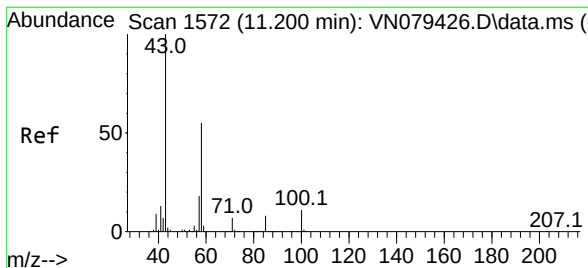
Tgt Ion: 63 Resp: 6135

Ion Ratio Lower Upper

63 100

106 26.5 26.2 39.4

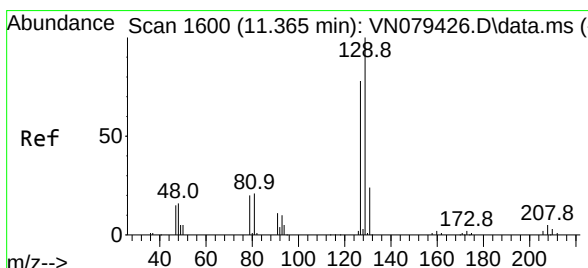
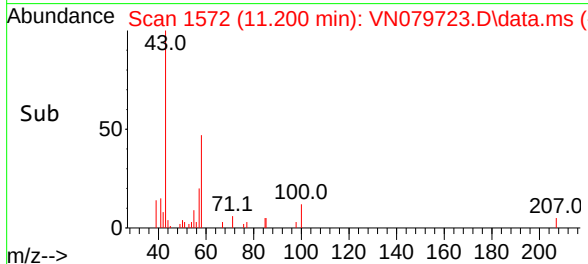
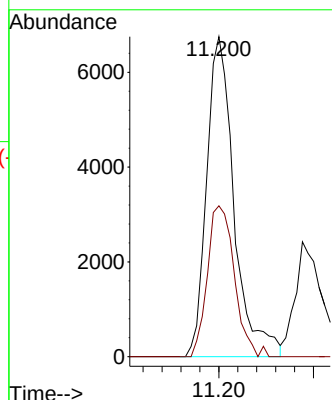
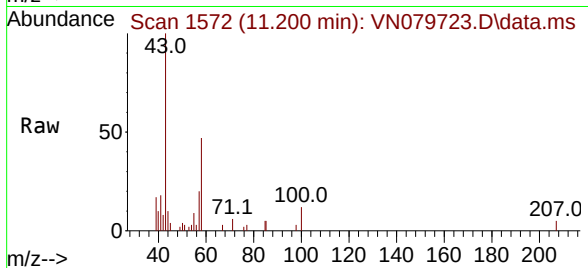




#59
2-Hexanone
Concen: 3.883 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

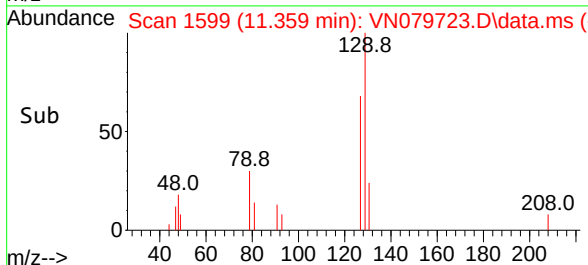
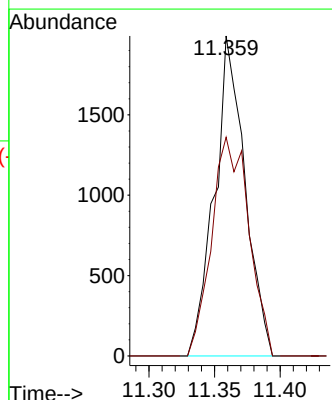
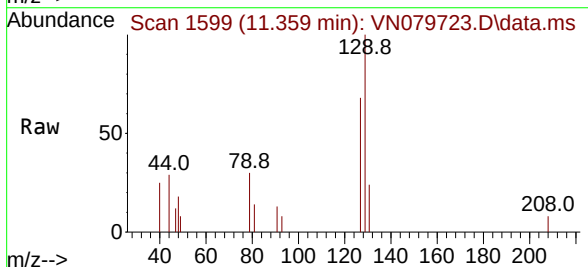
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

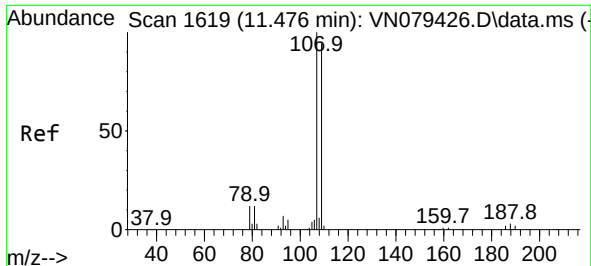
Tgt Ion: 43 Resp: 13545
Ion Ratio Lower Upper
43 100
58 46.5 31.7 95.1



#60
Dibromochloromethane
Concen: 0.906 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 129 Resp: 3213
Ion Ratio Lower Upper
129 100
127 83.5 38.6 116.0

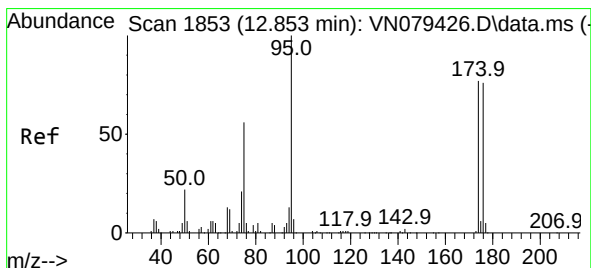
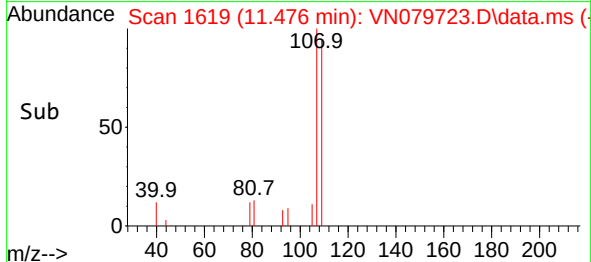
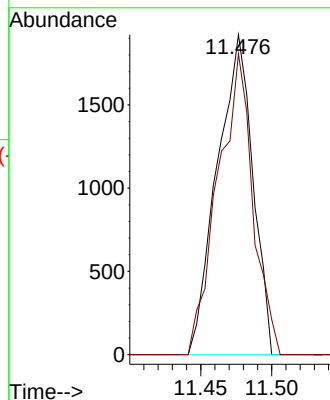
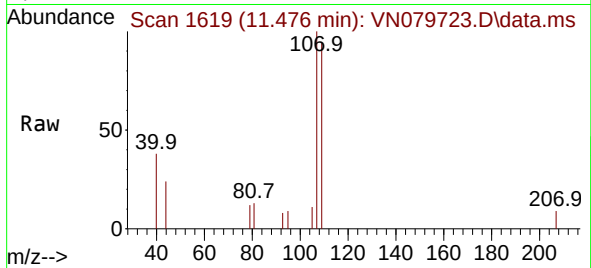




#61
1,2-Dibromoethane
Concen: 0.978 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

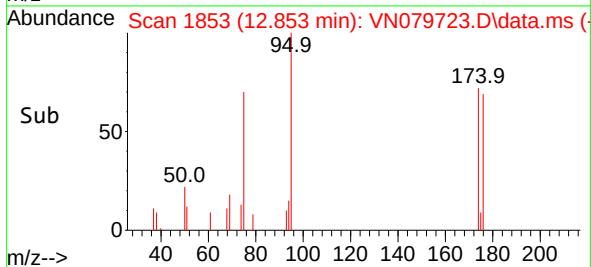
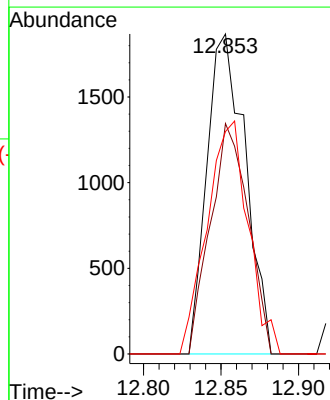
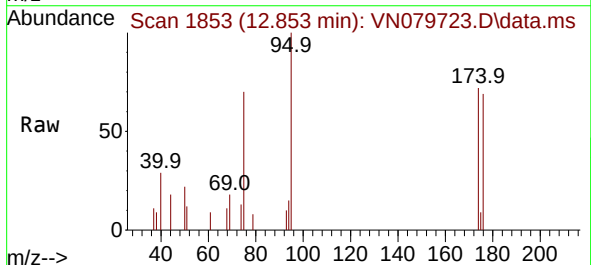
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

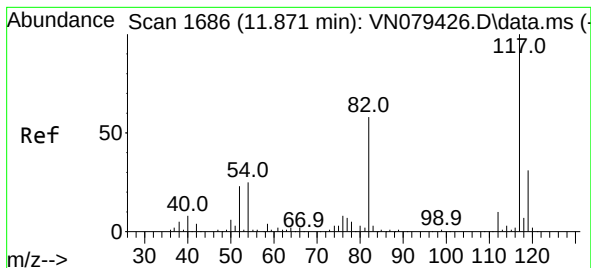
Tgt Ion:107 Resp: 3341
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 0.845 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 95 Resp: 3216
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 78.0 0.0 135.8

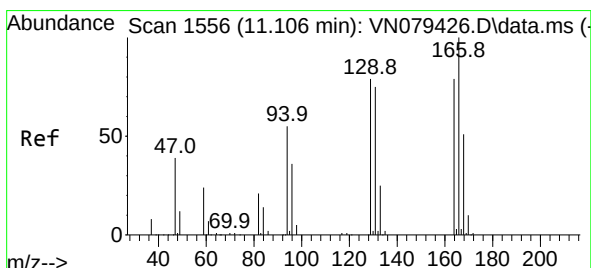
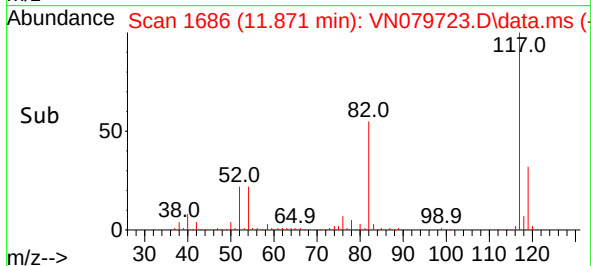
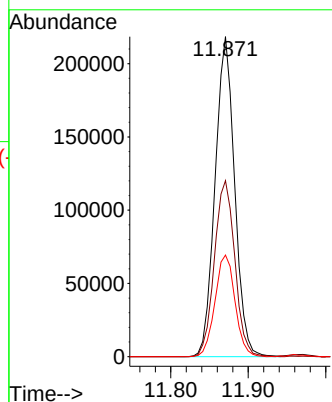
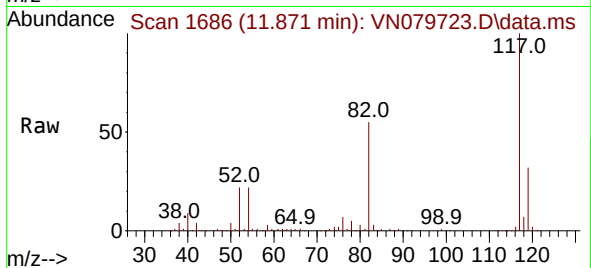




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

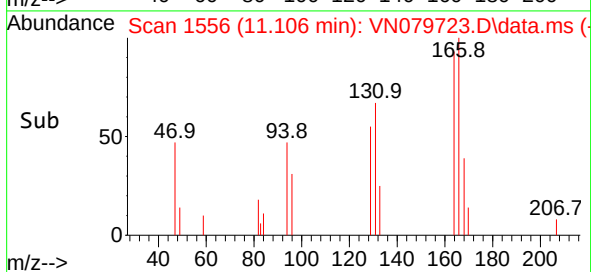
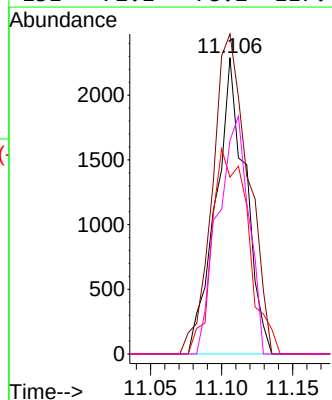
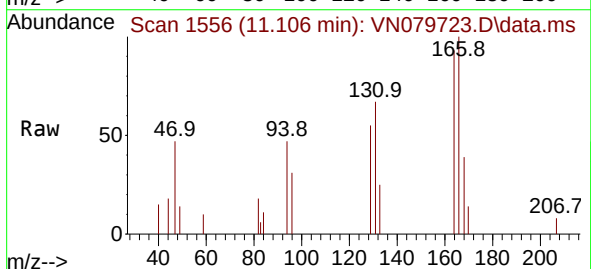
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

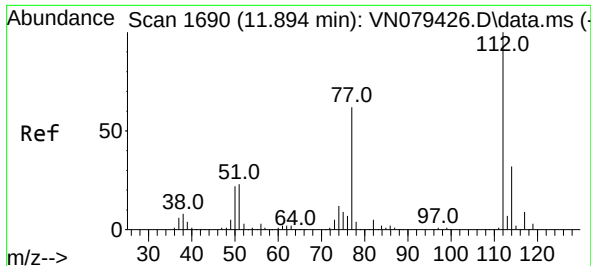
Tgt Ion:117 Resp: 383598
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 1.221 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:164 Resp: 3323
Ion Ratio Lower Upper
164 100
166 108.0 101.4 152.0
129 59.7 82.4 123.6#
131 72.1 78.2 117.4#

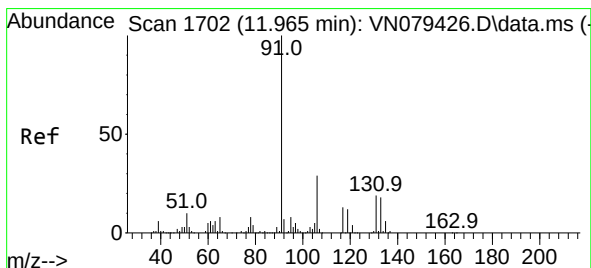
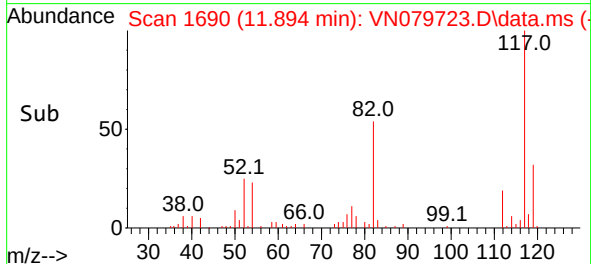
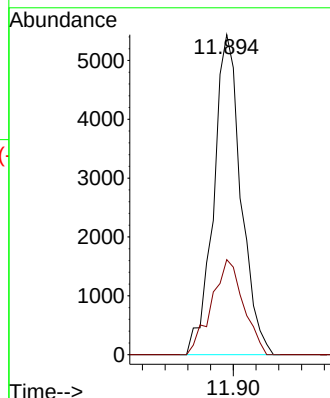
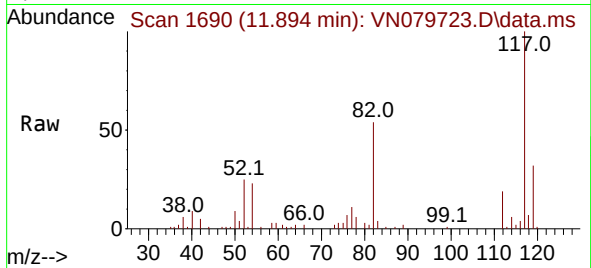




#65
Chlorobenzene
Concen: 1.075 ug/l
RT: 11.894 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

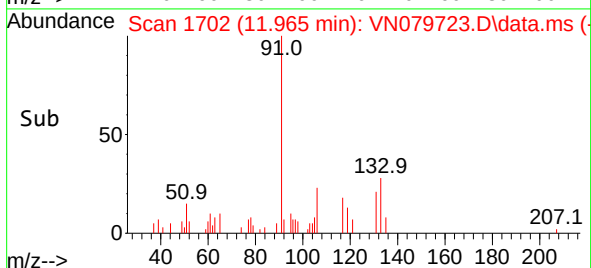
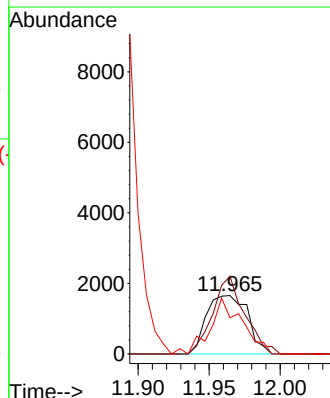
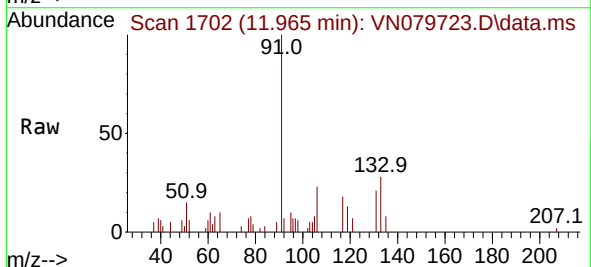
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

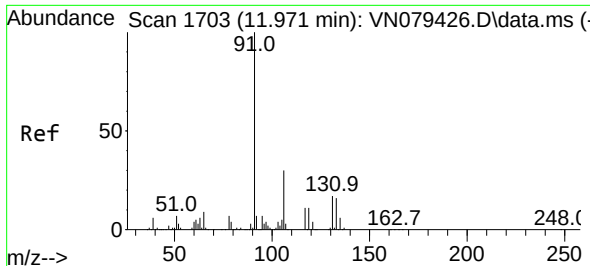
Tgt Ion:112 Resp: 9127
Ion Ratio Lower Upper
112 100
114 29.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 1.063 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:131 Resp: 3353
Ion Ratio Lower Upper
131 100
133 103.1 46.4 139.1
119 0.0 34.1 102.2#

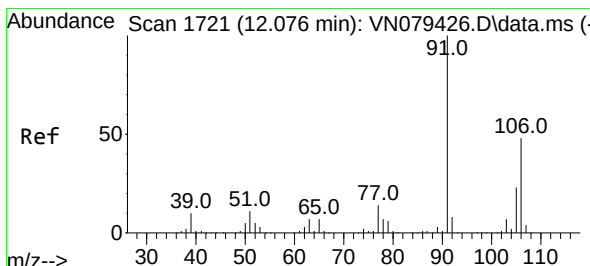
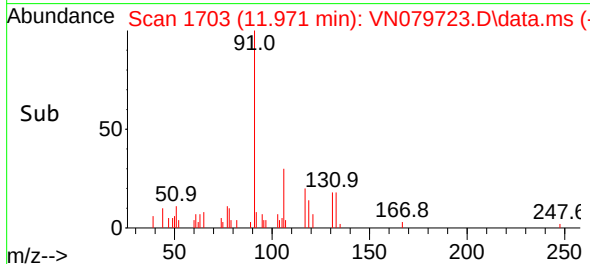
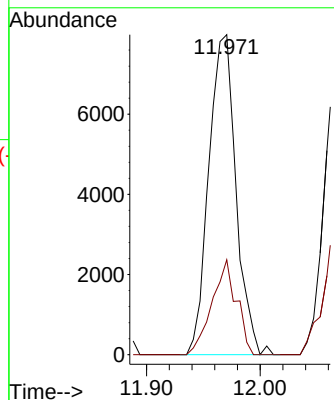
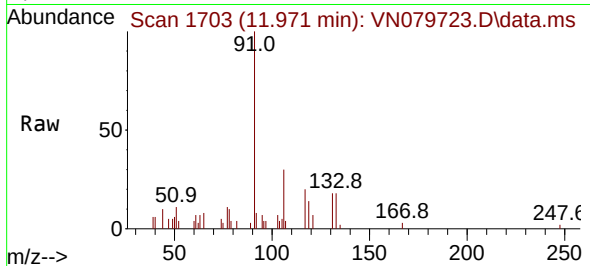




#67
Ethyl Benzene
Concen: 0.889 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

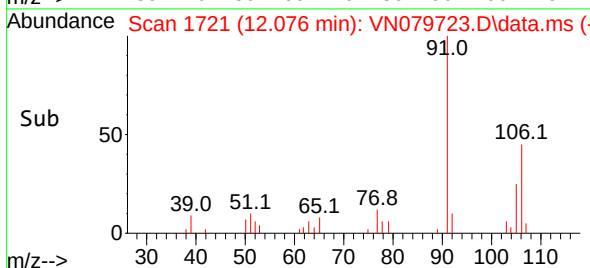
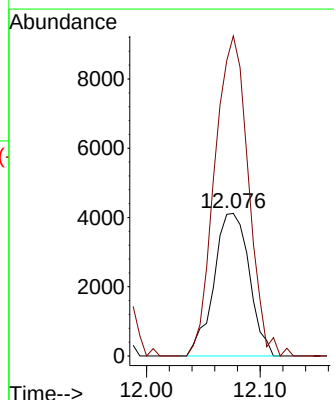
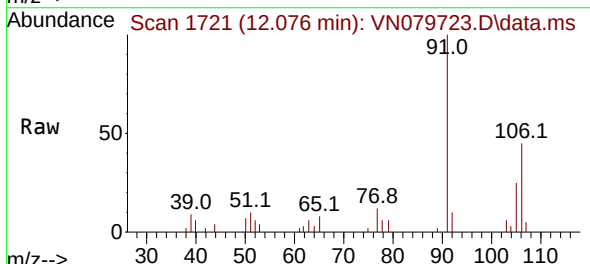
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

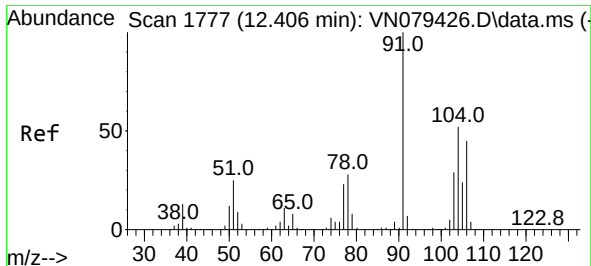
Tgt Ion: 91 Resp: 13296
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 1.609 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 106 Resp: 8904
Ion Ratio Lower Upper
106 100
91 213.5 159.6 239.4

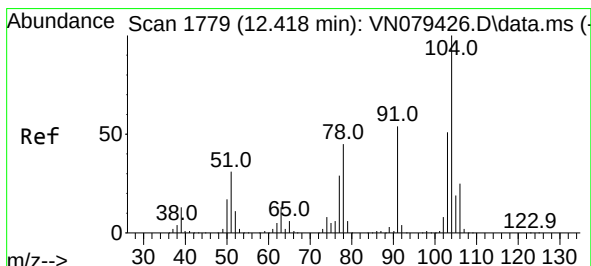
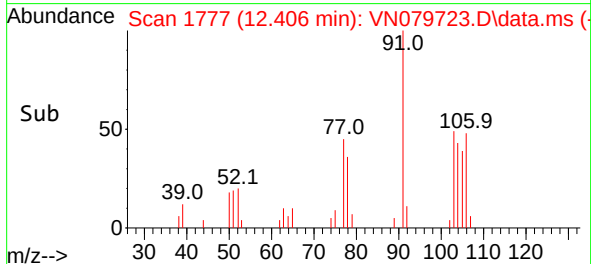
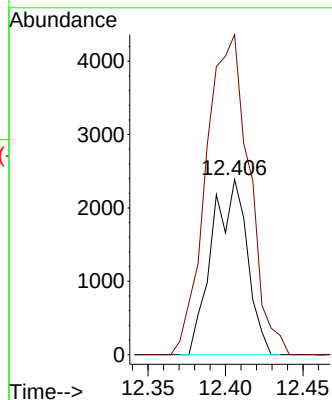
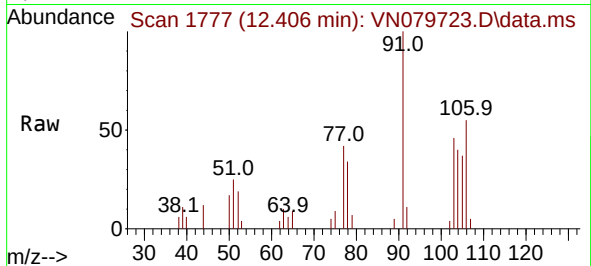




#69
o-Xylene
Concen: 0.709 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

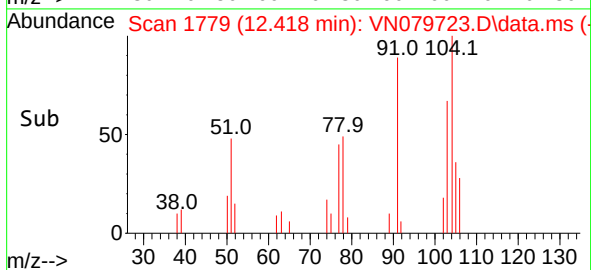
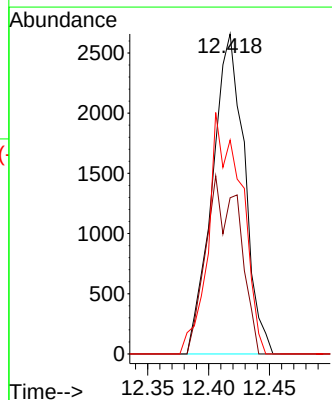
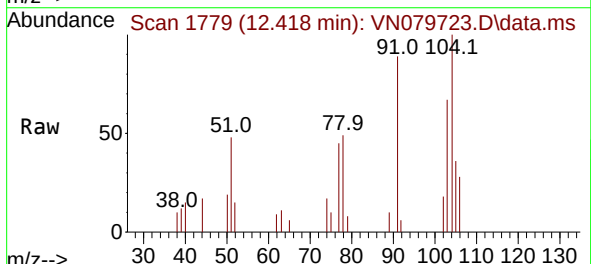
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

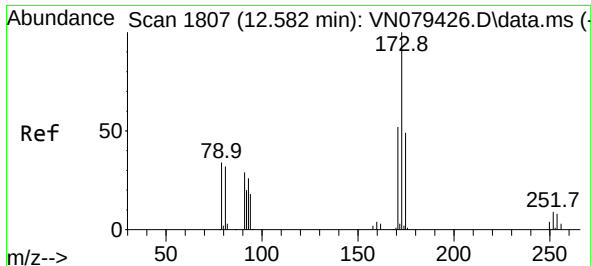
Tgt Ion:106 Resp: 3770
Ion Ratio Lower Upper
106 100
91 223.7 105.2 315.5



#70
Styrene
Concen: 0.571 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:104 Resp: 4864
Ion Ratio Lower Upper
104 100
78 58.5 39.5 59.3
103 77.4 43.2 64.8#

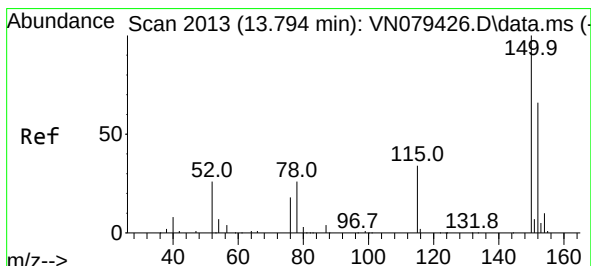
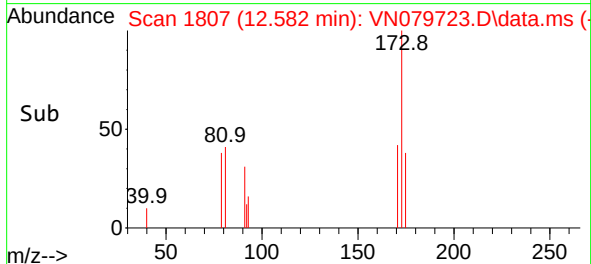
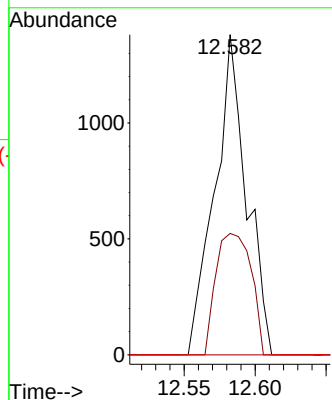
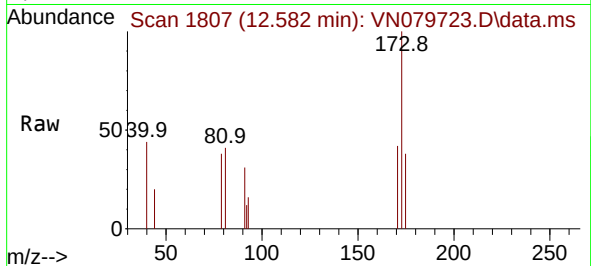




#71
Bromoform
Concen: 0.952 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

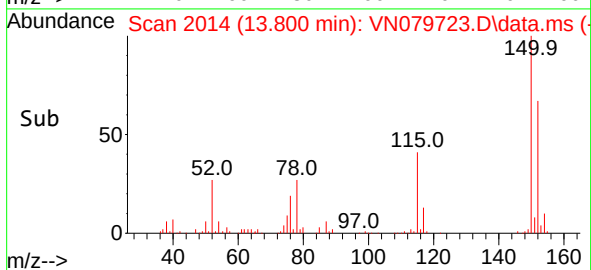
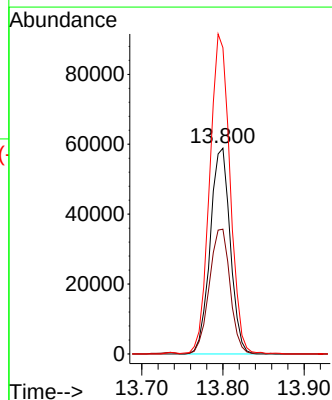
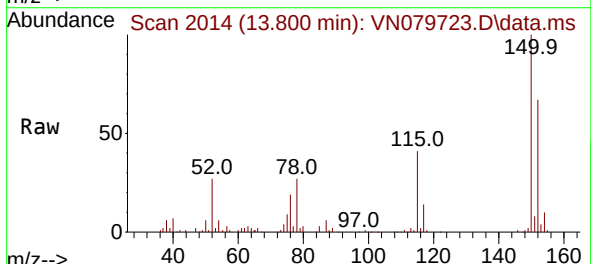
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

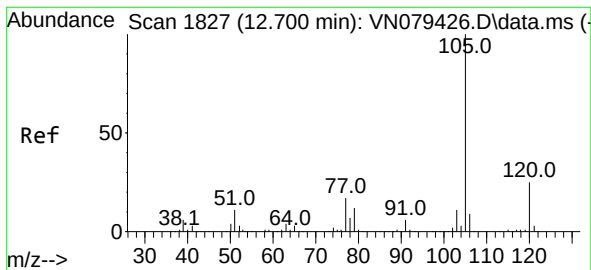
Tgt Ion:173 Resp: 2152
Ion Ratio Lower Upper
173 100
175 41.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:152 Resp: 101079
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 157.6 0.0 355.8





#73

Isopropylbenzene

Concen: 1.109 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

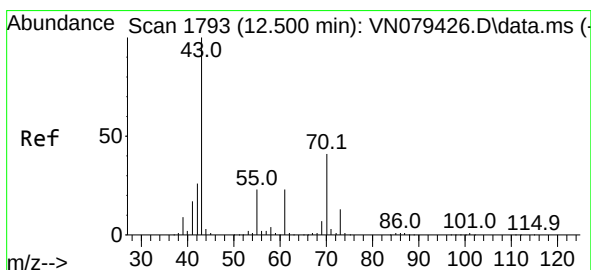
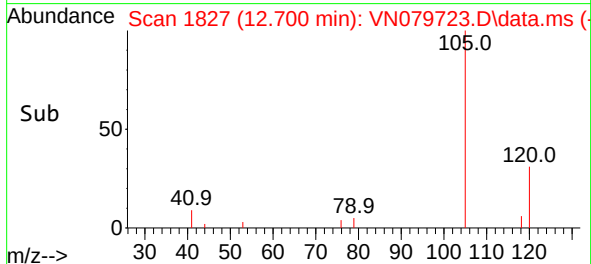
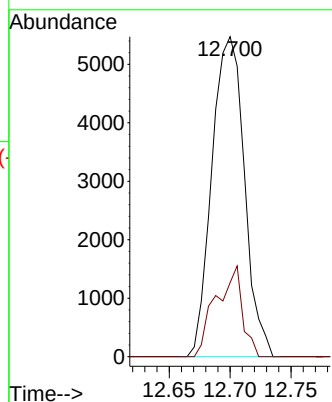
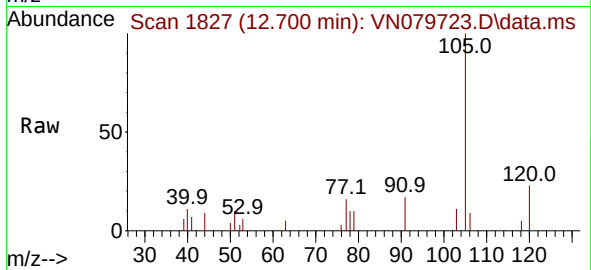
VSTDIC001

Tgt Ion:105 Resp: 10151

Ion Ratio Lower Upper

105 100

120 23.1 13.1 39.1



#74

N-ethyl acetate

Concen: 0.933 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Tgt Ion: 43 Resp: 3399

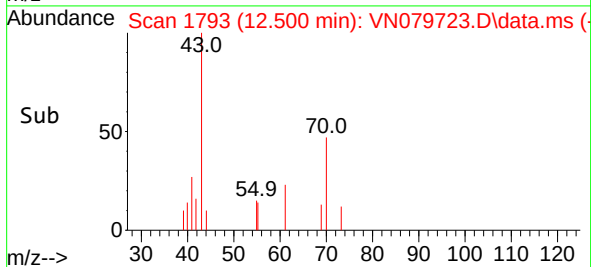
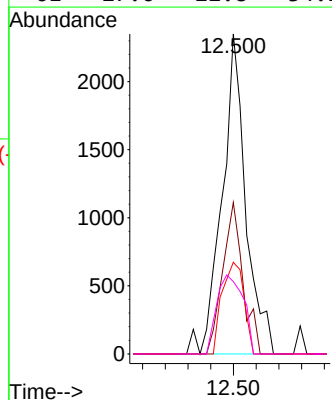
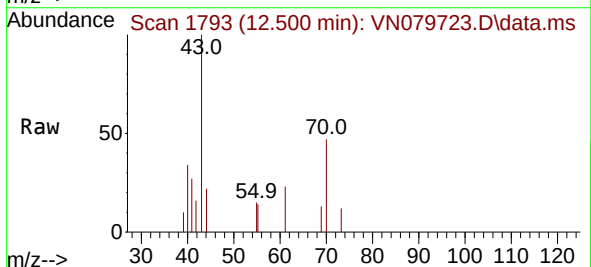
Ion Ratio Lower Upper

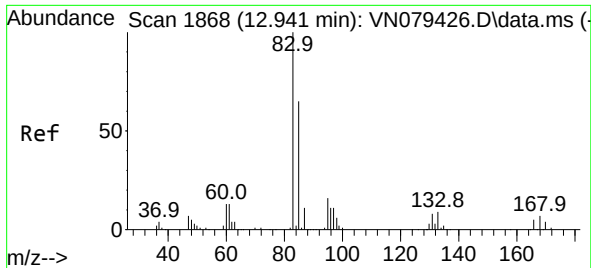
43 100

70 40.5 43.4 65.2#

55 26.3 21.4 32.0

61 27.6 22.8 34.2

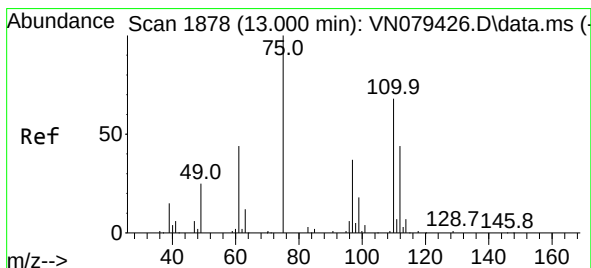
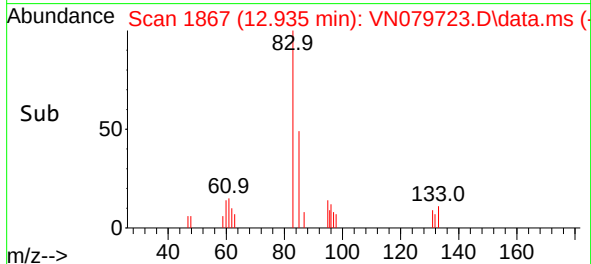
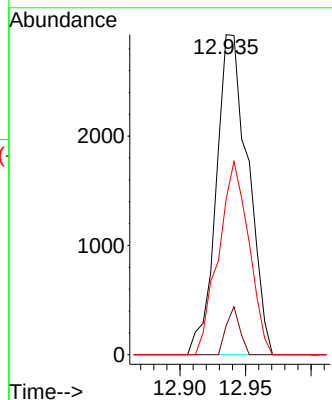
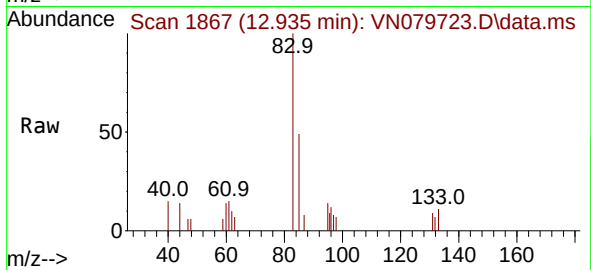




#75
1,1,2,2-Tetrachloroethane
Concen: 1.524 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

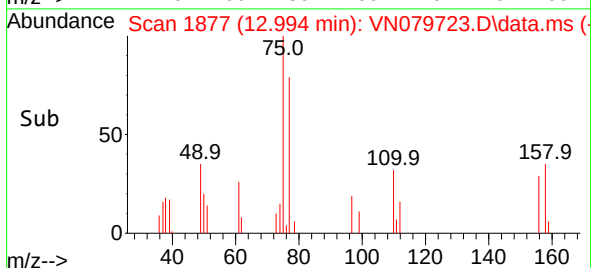
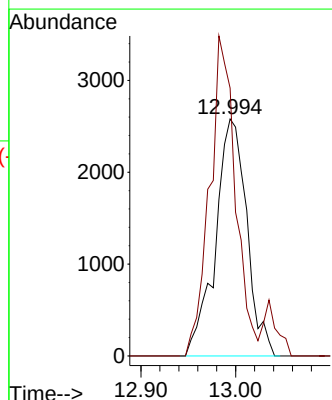
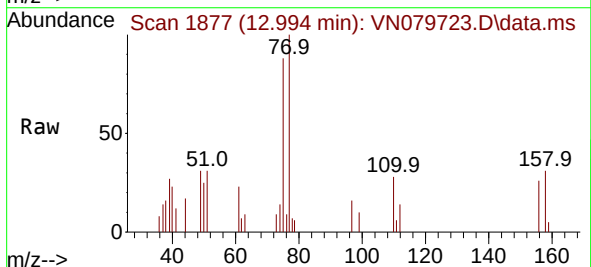
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

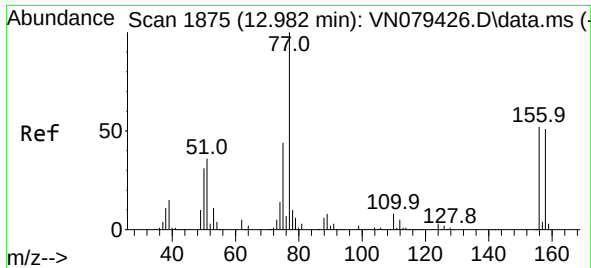
Tgt Ion: 83 Resp: 4940
Ion Ratio Lower Upper
83 100
131 6.3 5.0 15.0
85 57.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 2.163 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 75 Resp: 5936
Ion Ratio Lower Upper
75 100
77 111.1 84.5 253.5

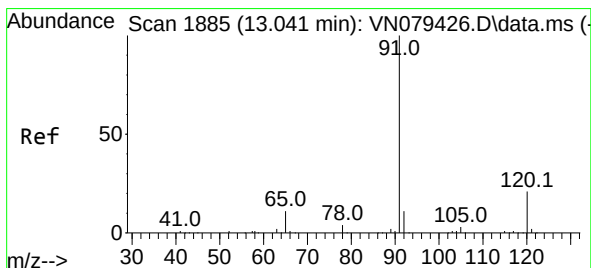
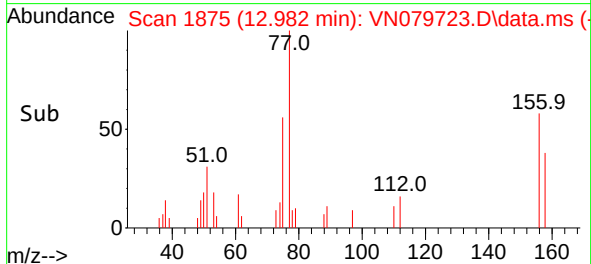
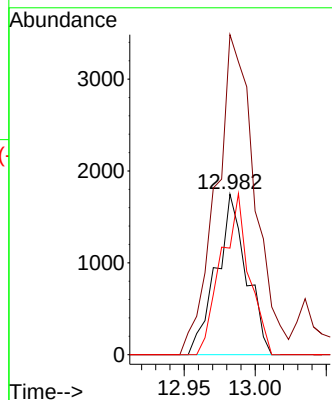
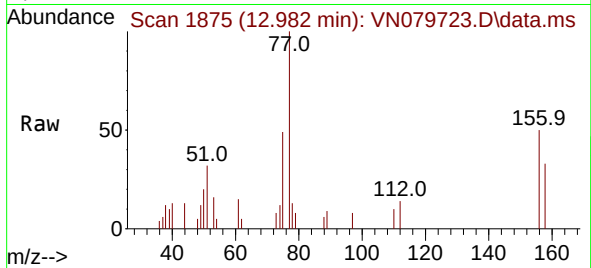




#77
Bromobenzene
Concen: 1.197 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

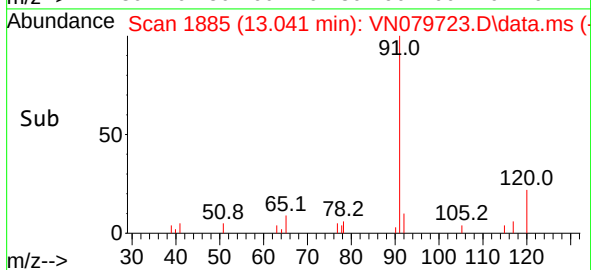
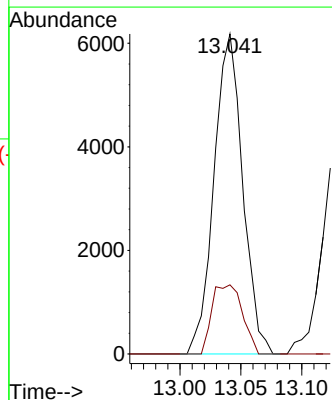
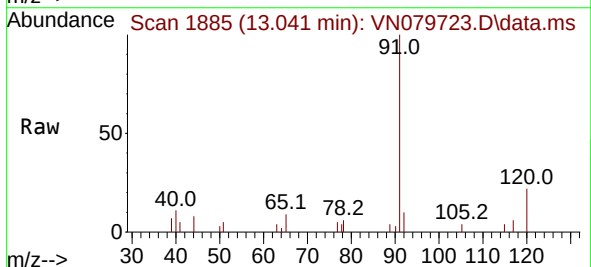
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

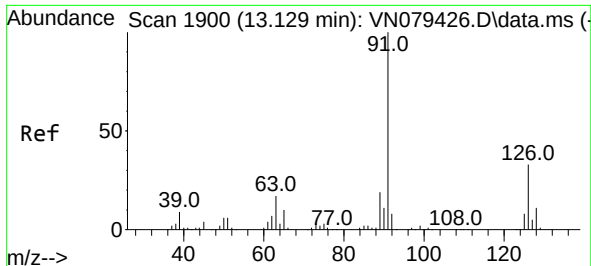
Tgt Ion:156 Resp: 2578
Ion Ratio Lower Upper
156 100
77 255.9 107.7 323.3
158 93.4 48.4 145.3



#78
n-propylbenzene
Concen: 0.960 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 91 Resp: 10122
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.047 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

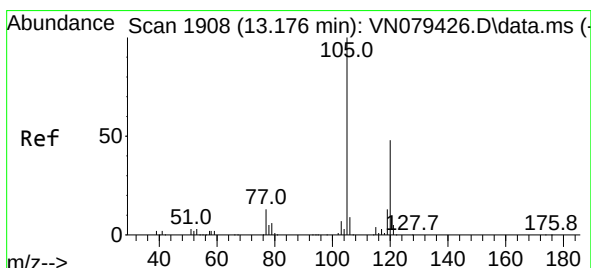
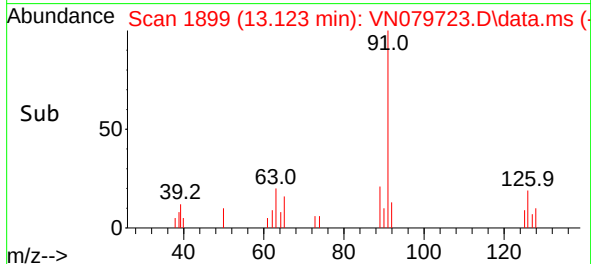
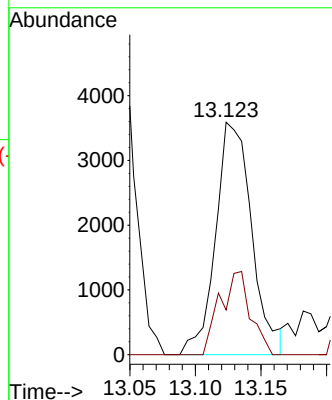
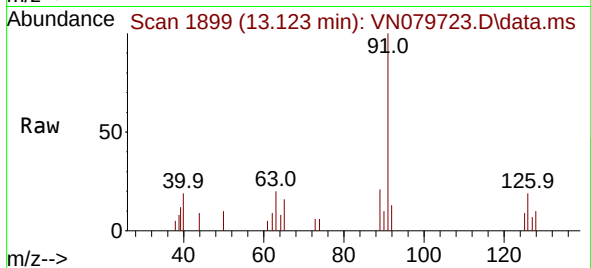
VSTDICC001

Tgt Ion: 91 Resp: 6883

Ion Ratio Lower Upper

91 100

126 30.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.915 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VN079723.D

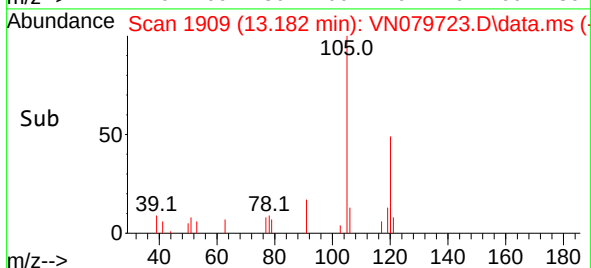
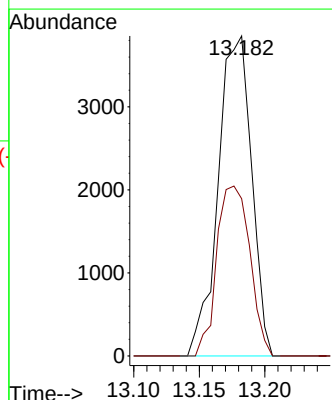
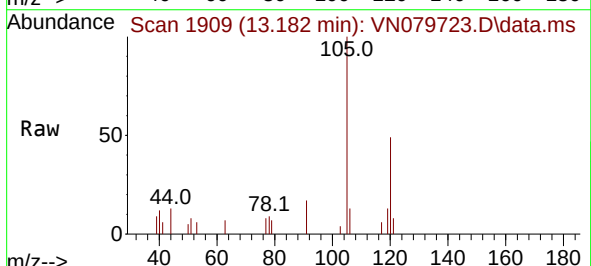
Acq: 30 Oct 2023 14:16

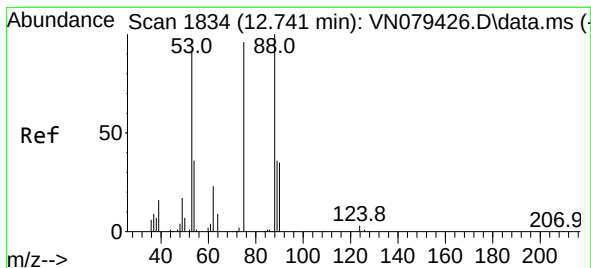
Tgt Ion: 105 Resp: 6831

Ion Ratio Lower Upper

105 100

120 52.6 24.1 72.3

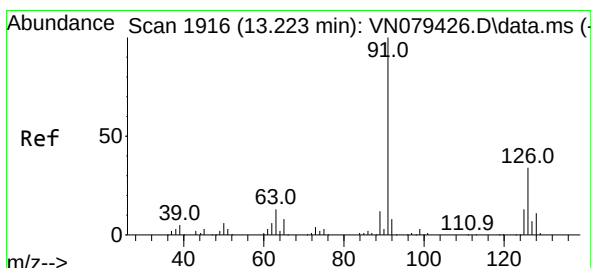
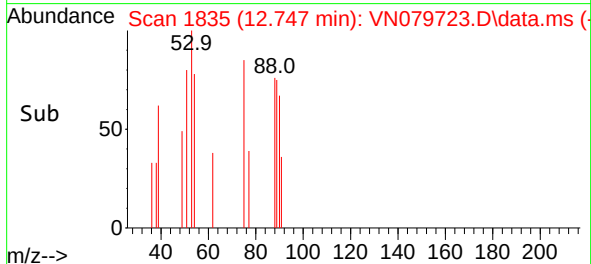
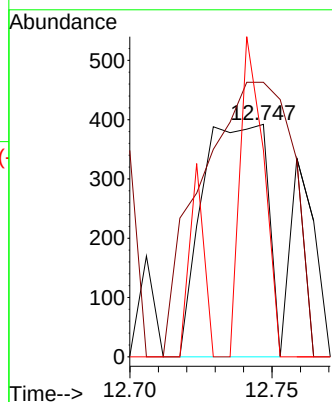
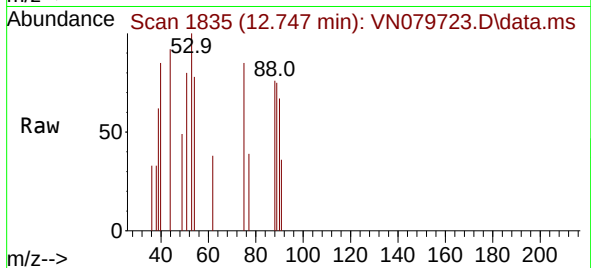




#81
trans-1,4-Dichloro-2-butene
Concen: 0.684 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

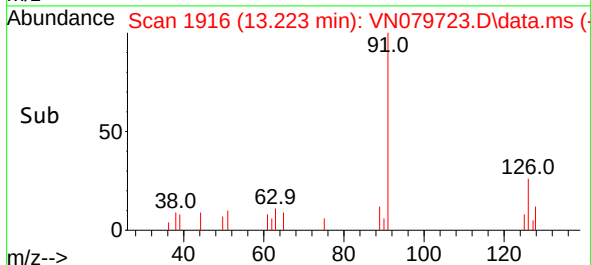
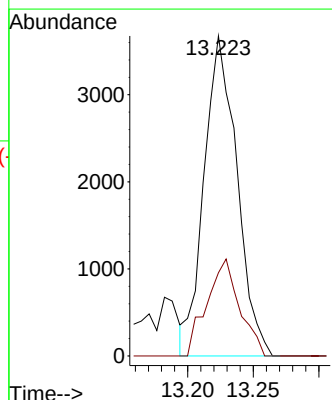
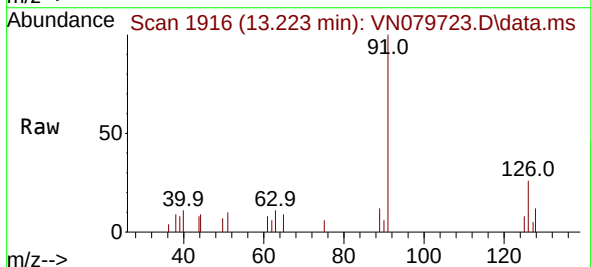
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

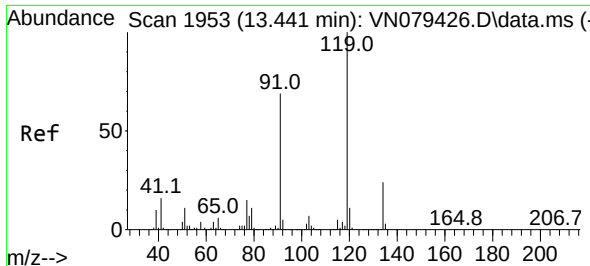
Tgt Ion: 75 Resp: 622
Ion Ratio Lower Upper
75 100
53 167.2 67.4 101.2#
89 50.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 1.014 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion: 91 Resp: 6405
Ion Ratio Lower Upper
91 100
126 30.2 16.7 50.0

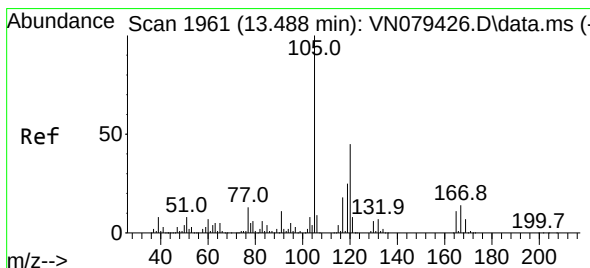
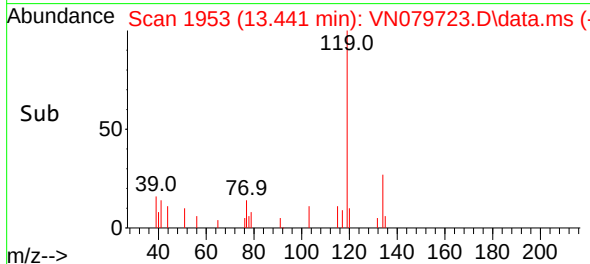
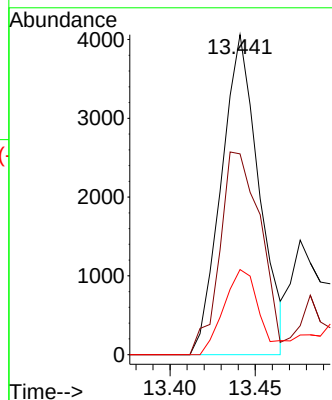
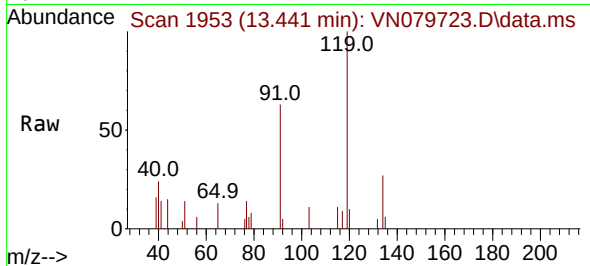




#83
tert-Butylbenzene
Concen: 1.022 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

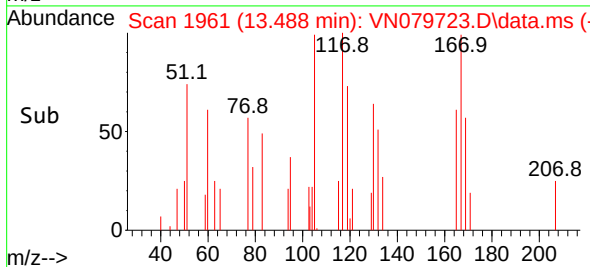
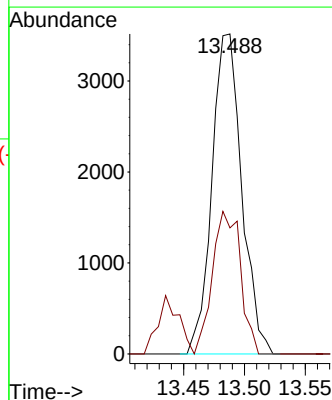
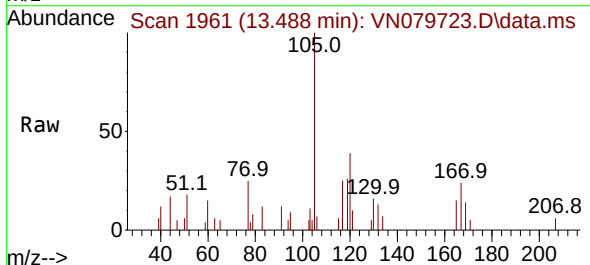
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

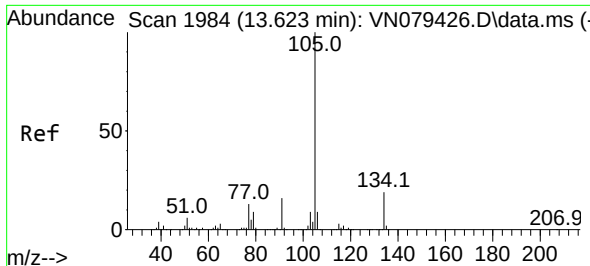
Tgt Ion:119 Resp: 6253
Ion Ratio Lower Upper
119 100
91 69.7 33.9 101.7
134 25.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.832 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:105 Resp: 5990
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0

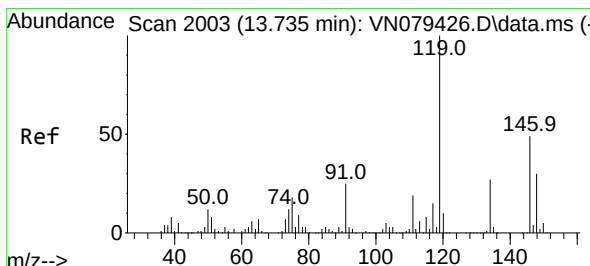
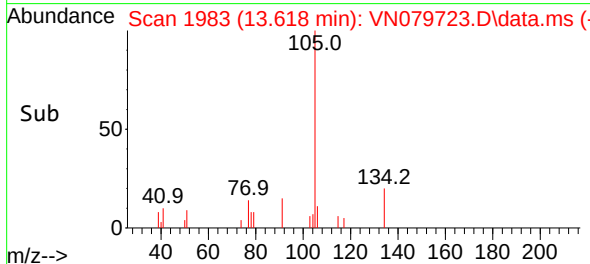
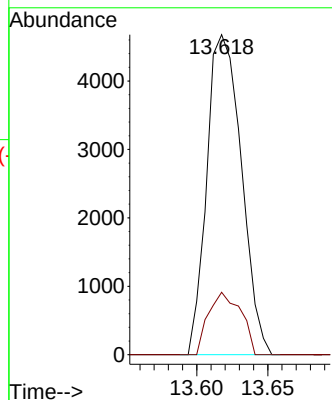
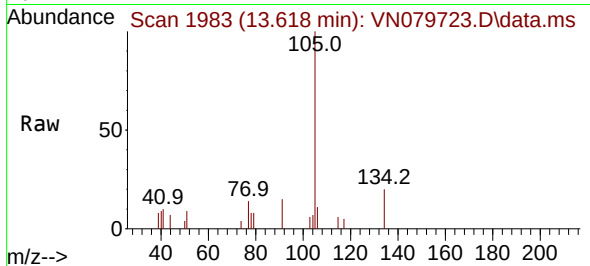




#85
 sec-Butylbenzene
 Concen: 0.929 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

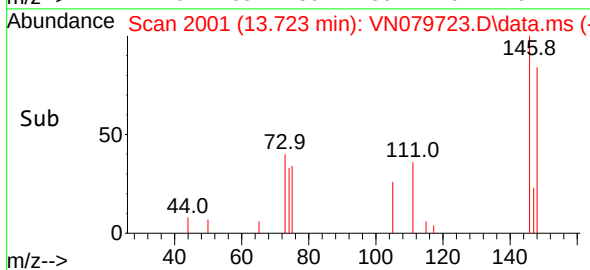
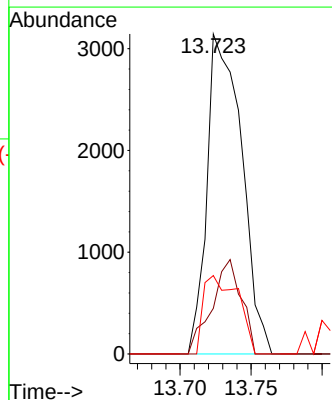
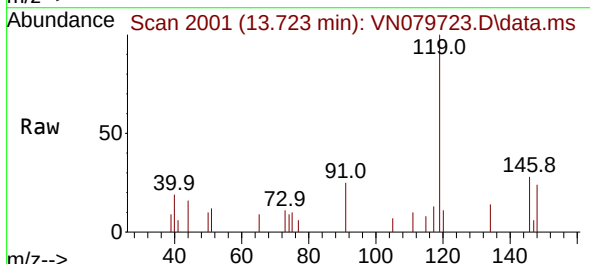
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

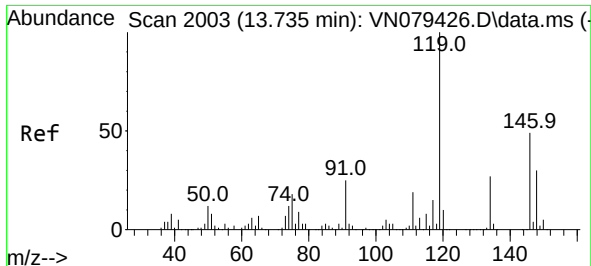
Tgt Ion:105 Resp: 7922
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.784 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.012 min
 Lab File: VN079723.D
 Acq: 30 Oct 2023 14:16

Tgt Ion:119 Resp: 5324
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.044 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

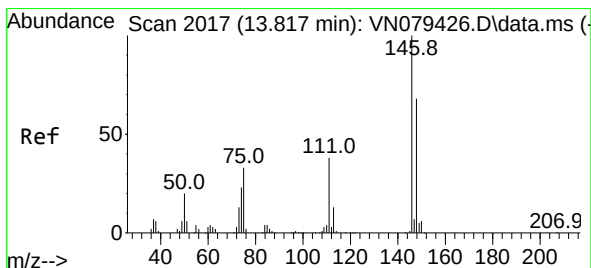
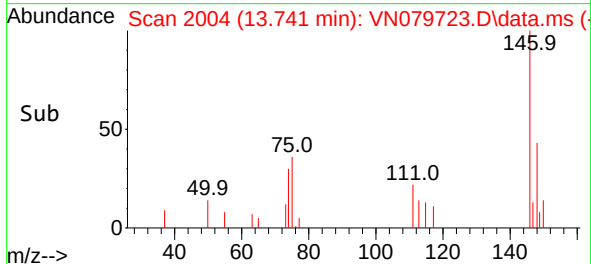
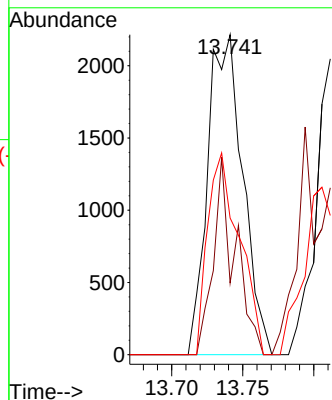
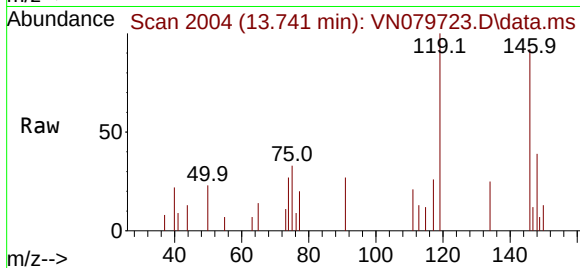
Tgt Ion:146 Resp: 3803

Ion Ratio Lower Upper

146 100

111 38.4 22.1 66.3

148 57.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 1.102 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.001 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

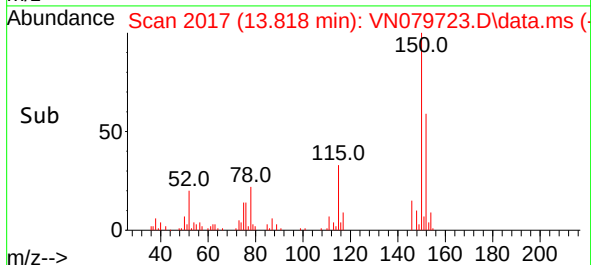
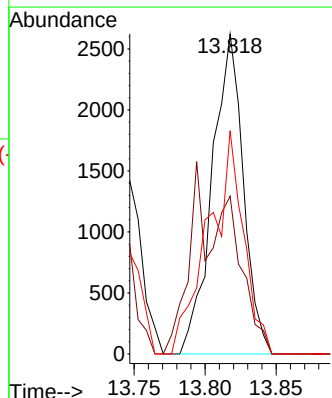
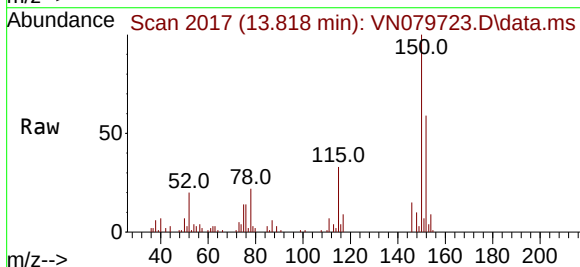
Tgt Ion:146 Resp: 3999

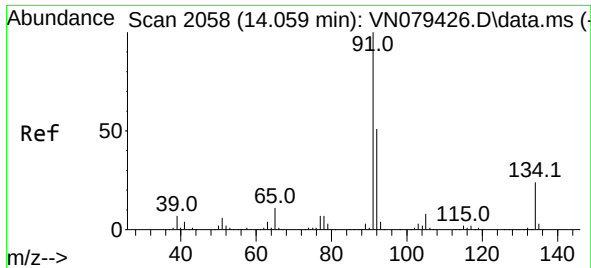
Ion Ratio Lower Upper

146 100

111 37.4 20.6 61.8

148 78.5 31.6 94.8

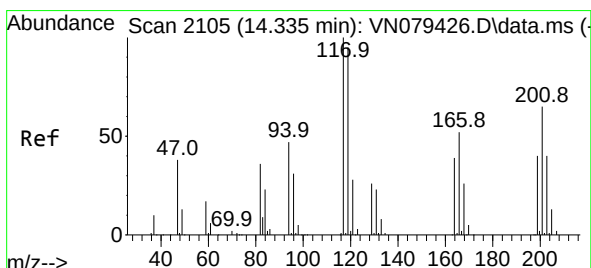
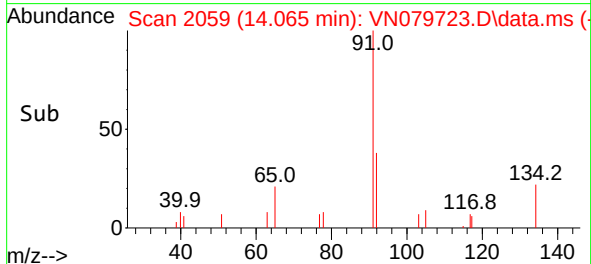
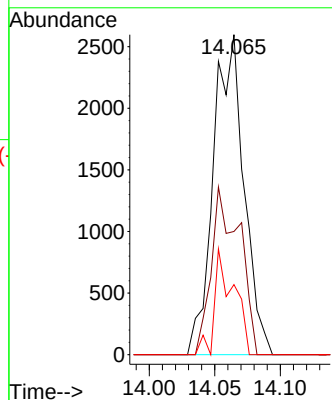
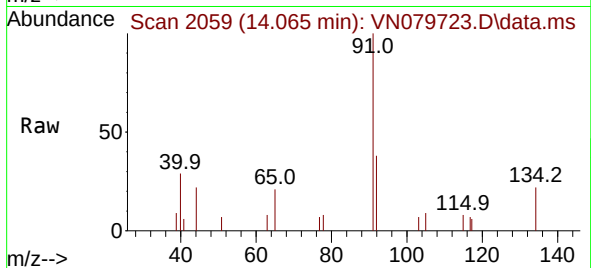




#89
n-Butylbenzene
Concen: 0.782 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

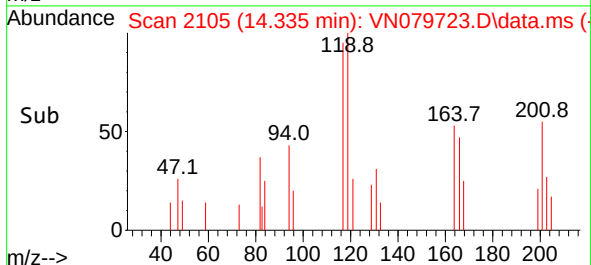
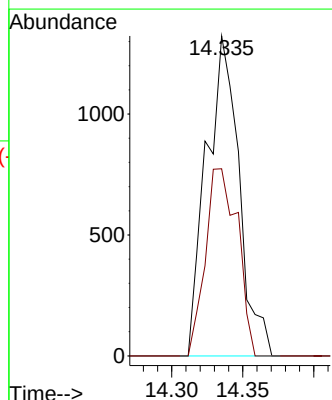
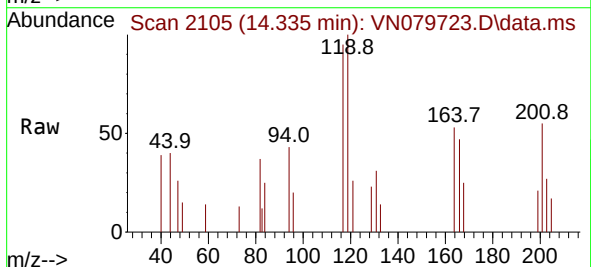
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

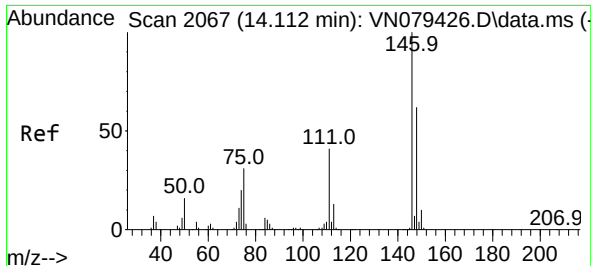
Tgt Ion: 91	Resp: 4222
Ion Ratio	Lower Upper
91 100	
92 48.3	26.4 79.0
134 21.0	12.6 37.6



#90
Hexachloroethane
Concen: 1.472 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:117	Resp:	2113	
Ion	Ratio	Lower	Upper
117	100		
201	57.6	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 0.994 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

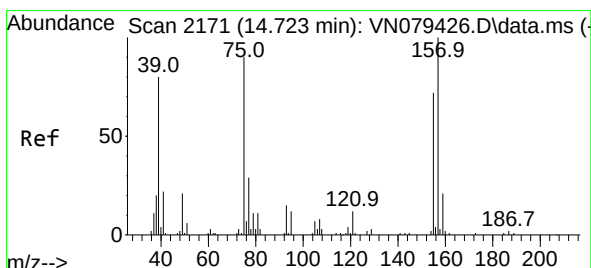
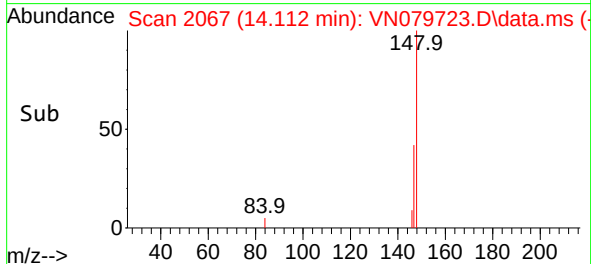
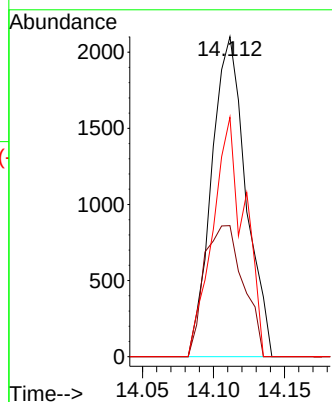
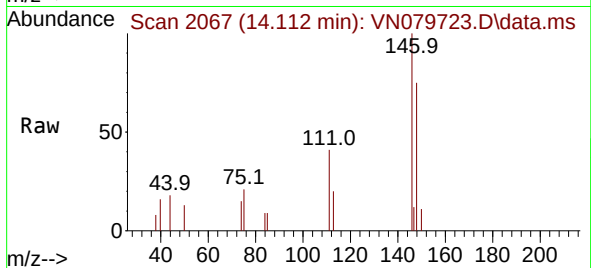
Tgt Ion:146 Resp: 3523

Ion Ratio Lower Upper

146 100

111 46.9 22.0 66.0

148 69.9 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.120 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

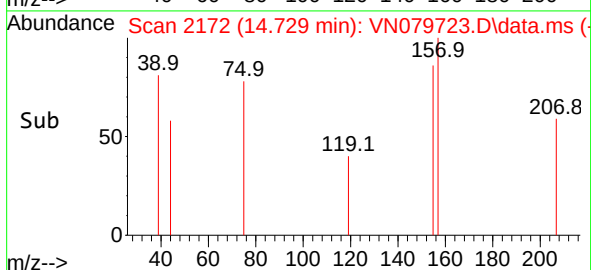
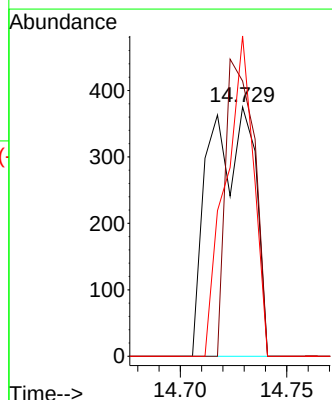
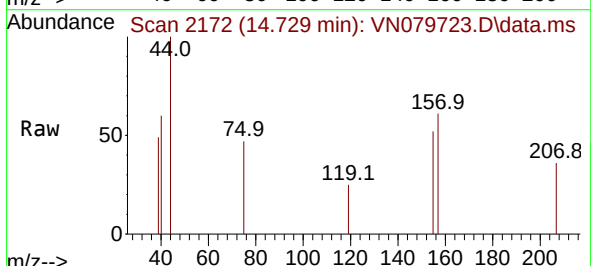
Tgt Ion: 75 Resp: 560

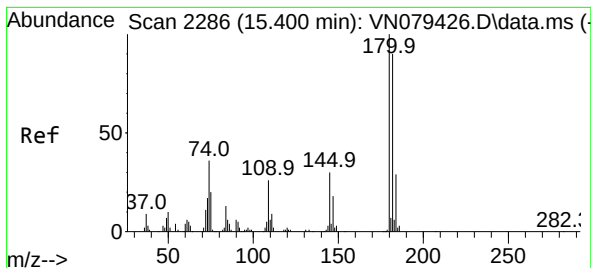
Ion Ratio Lower Upper

75 100

155 74.8 39.1 117.2

157 78.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 0.638 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

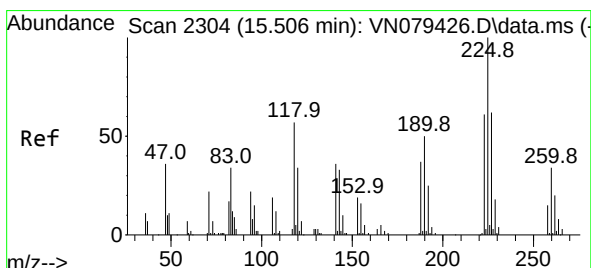
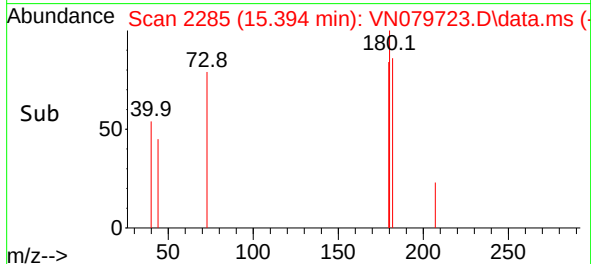
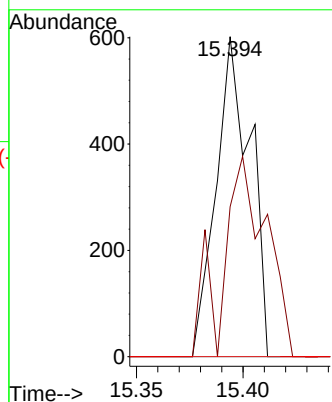
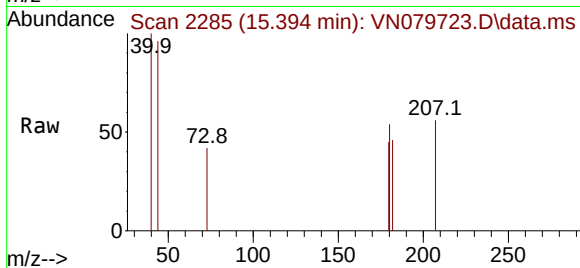
Tgt Ion:180 Resp: 674

Ion Ratio Lower Upper

180 100

182 80.6 46.1 138.2

145 0.0 16.6 49.8#



#94

Hexachlorobutadiene

Concen: 1.476 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN079723.D

Acq: 30 Oct 2023 14:16

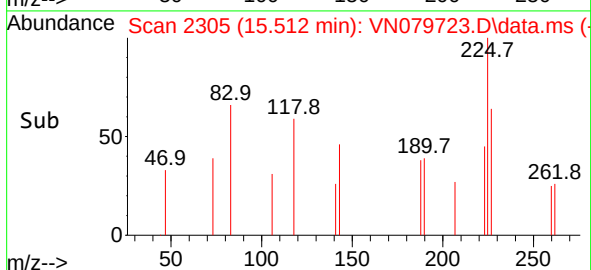
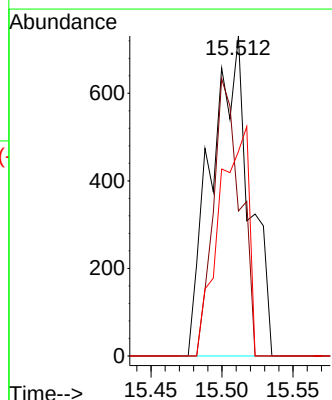
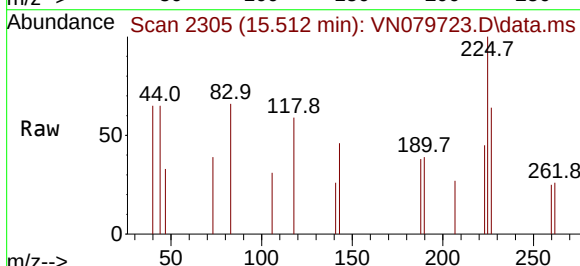
Tgt Ion:225 Resp: 1383

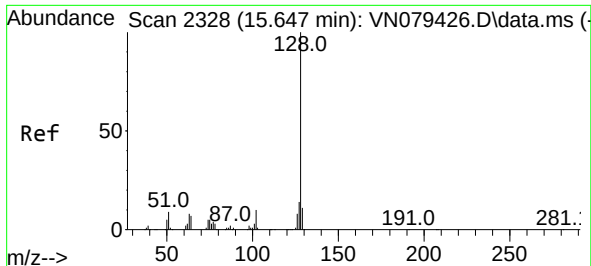
Ion Ratio Lower Upper

225 100

223 60.4 31.3 93.8

227 55.3 31.9 95.9

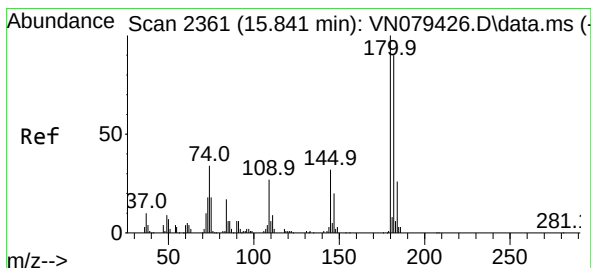
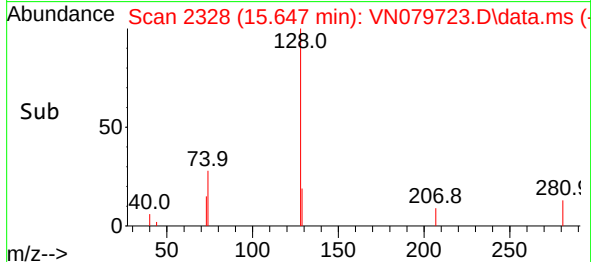
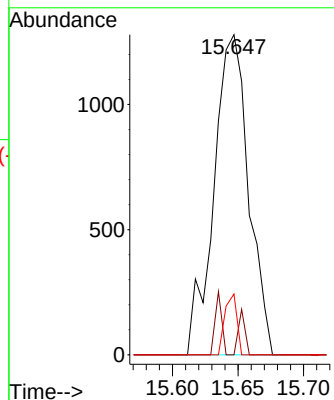
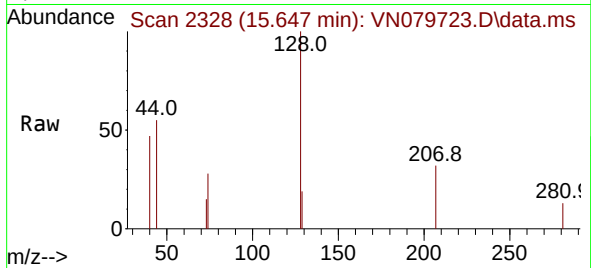




#95
Naphthalene
Concen: 0.770 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 2360
Ion Ratio Lower Upper
128 100
127 2.7 10.0 15.0#
129 6.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.515 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079723.D
Acq: 30 Oct 2023 14:16

Tgt Ion:180 Resp: 607
Ion Ratio Lower Upper
180 100
182 135.6 46.2 138.6
145 0.0 17.5 52.6#

