

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075661.D
 Acq On : 09 Dec 2022 11:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 07:31:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	145526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	239364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42851	27.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	55.500%#
35) Dibromofluoromethane	8.171	113	54373	37.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	74.460%#
50) Toluene-d8	10.571	98	111303	20.294	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.580%#
62) 4-Bromofluorobenzene	12.853	95	88911	47.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	61454	57.416	ug/l	97
3) Chloromethane	2.371	50	70942	55.631	ug/l	94
4) Vinyl Chloride	2.524	62	85331	54.475	ug/l	92
5) Bromomethane	2.930	94	83664	62.711	ug/l	96
6) Chloroethane	3.112	64	68903	58.954	ug/l	98
7) Trichlorofluoromethane	3.501	101	127688	56.183	ug/l	97
8) Diethyl Ether	3.971	74	58507	70.416	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	76648	57.466	ug/l	99
10) Methyl Iodide	4.595	142	137755	63.202	ug/l	99
11) Tert butyl alcohol	5.542	59	78637	344.254	ug/l	98
12) 1,1-Dichloroethene	4.348	96	72040	57.785	ug/l	99
13) Acrolein	4.183	56	78847	299.705	ug/l	98
14) Allyl chloride	5.036	41	101848	65.602	ug/l	92
15) Acrylonitrile	5.724	53	212306	359.822	ug/l	99
16) Acetone	4.436	43	193059	369.203	ug/l	99
17) Carbon Disulfide	4.718	76	176959	53.643	ug/l	98
18) Methyl Acetate	5.036	43	111780	66.525	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	303780	72.437	ug/l	97
20) Methylene Chloride	5.283	84	95512	61.271	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	82984	59.564	ug/l	95
22) Diisopropyl ether	6.683	45	252329	71.433	ug/l	97
23) Vinyl Acetate	6.612	43	884585	328.408	ug/l	99
24) 1,1-Dichloroethane	6.577	63	149868	64.454	ug/l	99
25) 2-Butanone	7.489	43	278263	364.020	ug/l	96
26) 2,2-Dichloropropane	7.500	77	125877	63.475	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	107525	63.573	ug/l	98
28) Bromochloromethane	7.818	49	57970	62.355	ug/l	98
29) Tetrahydrofuran	7.841	42	172809	366.772	ug/l	99
30) Chloroform	7.971	83	175394	68.102	ug/l	98
31) Cyclohexane	8.259	56	118914	52.016	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	145531	61.248	ug/l	98
36) 1,1-Dichloropropene	8.377	75	111440	57.468	ug/l	99
37) Ethyl Acetate	7.565	43	108787	69.872	ug/l	98
38) Carbon Tetrachloride	8.365	117	128614	57.475	ug/l	97
39) Methylcyclohexane	9.600	83	146152	59.437	ug/l	99
40) Benzene	8.606	78	370504	62.257	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	56451	70.711	ug/l	99
42) 1,2-Dichloroethane	8.677	62	133347	66.981	ug/l	99
43) Isopropyl Acetate	8.688	43	185891	71.517	ug/l	99
44) Trichloroethene	9.353	130	102187	60.865	ug/l	99
45) 1,2-Dichloropropane	9.624	63	93085	65.765	ug/l	96
46) Dibromomethane	9.712	93	72544	68.267	ug/l	99
47) Bromodichloromethane	9.888	83	143352	68.802	ug/l	97
48) Methyl methacrylate	9.682	41	85296	71.251	ug/l	98
49) 1,4-Dioxane	9.700	88	42165	1448.963	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	568746	354.858	ug/l	100
52) Toluene	10.630	92	245279	62.355	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	150282	73.031	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	158944	69.426	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	107652	69.605	ug/l	96
56) Ethyl methacrylate	10.877	69	154984	73.955	ug/l	98
57) 1,3-Dichloropropane	11.165	76	171906	68.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	245357	396.529	ug/l	100
59) 2-Hexanone	11.200	43	427111	366.801	ug/l	99
60) Dibromochloromethane	11.359	129	121044	71.124	ug/l	99
61) 1,2-Dibromoethane	11.471	107	110994	68.499	ug/l	99
64) Tetrachloroethene	11.106	164	87340	53.625	ug/l	98
65) Chlorobenzene	11.894	112	277447	60.306	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	109121	65.192	ug/l	98
67) Ethyl Benzene	11.965	91	474759	61.000	ug/l	98
68) m/p-Xylenes	12.071	106	386576	122.926	ug/l	98
69) o-Xylene	12.400	106	194470	63.726	ug/l	98
70) Styrene	12.412	104	327756	66.965	ug/l	98
71) Bromoform	12.582	173	93518	73.708	ug/l #	98
73) Isopropylbenzene	12.700	105	483537	57.317	ug/l	99
74) N-amyl acetate	12.494	43	169038	68.962	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	156368	61.704	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	187059	79.278	ug/l	71
77) Bromobenzene	12.982	156	128049	60.357	ug/l	99
78) n-propylbenzene	13.035	91	550645	58.822	ug/l	100
79) 2-Chlorotoluene	13.129	91	336485	58.222	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	423851	60.095	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45461	62.087	ug/l	91
82) 4-Chlorotoluene	13.129	91	336485	58.222	ug/l	100
83) tert-Butylbenzene	13.441	119	368365	57.593	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	438284	61.828	ug/l	98
85) sec-Butylbenzene	13.618	105	513777	58.431	ug/l	99
86) p-Isopropyltoluene	13.729	119	449733	61.128	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	237878	59.956	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	234307	58.059	ug/l	100
89) n-Butylbenzene	14.059	91	359025	60.884	ug/l	100
90) Hexachloroethane	14.335	117	77025	61.121	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	236859	59.994	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27568	66.202	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	127650	67.345	ug/l	100
94) Hexachlorobutadiene	15.506	225	61019	56.739	ug/l	99
95) Naphthalene	15.641	128	392590	70.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	125921	67.609	ug/l	99

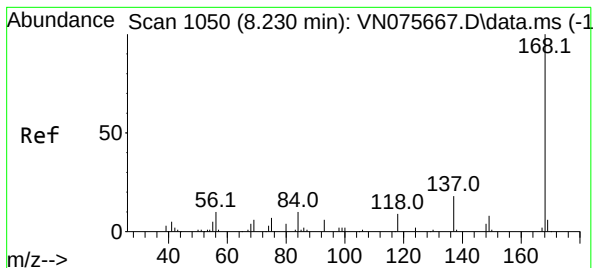
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075661.D

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Instrument :

MSVOA_N

ClientSampleId :

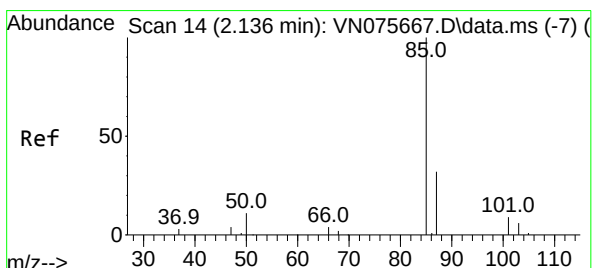
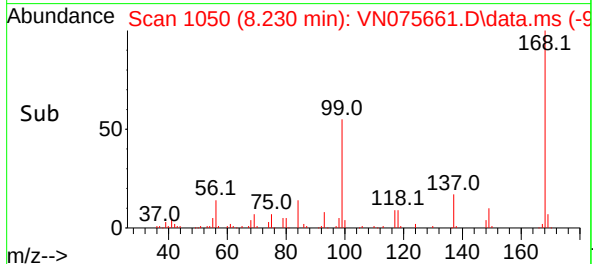
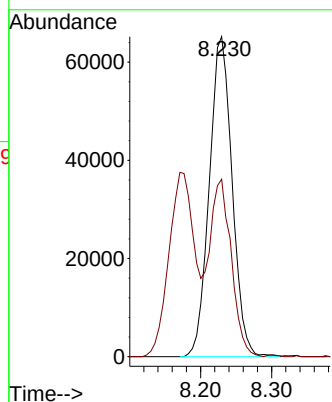
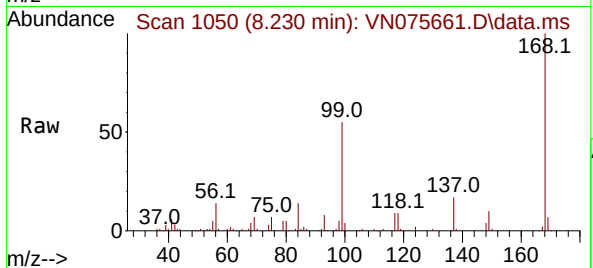
VSTDCCC050

Tgt Ion:168 Resp: 145526

Ion Ratio Lower Upper

168 100

99 55.2 41.2 61.8



#2

Dichlorodifluoromethane

Concen: 57.416 ug/l

RT: 2.136 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN075661.D

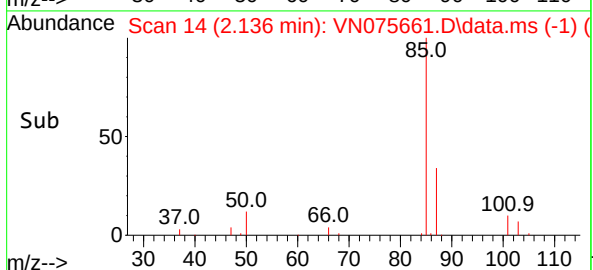
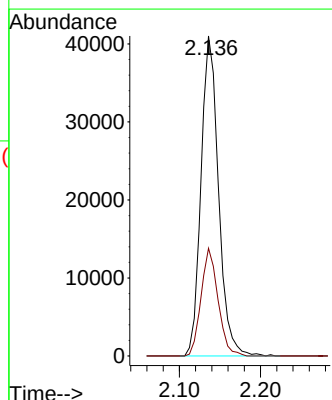
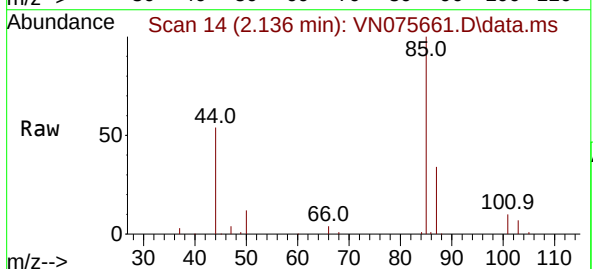
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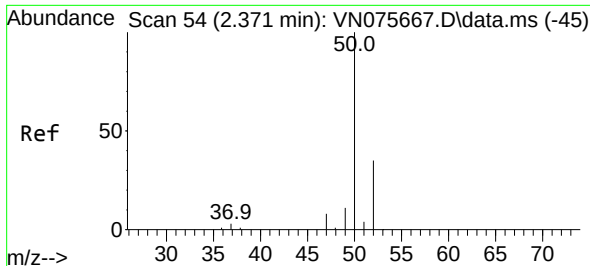
Tgt Ion: 85 Resp: 61454

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.2

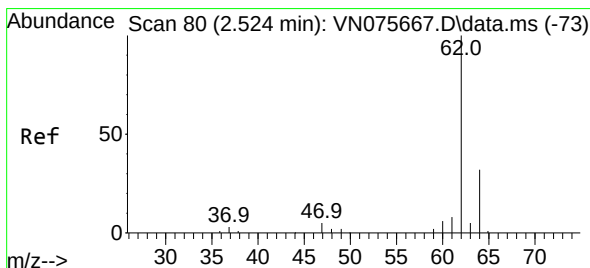
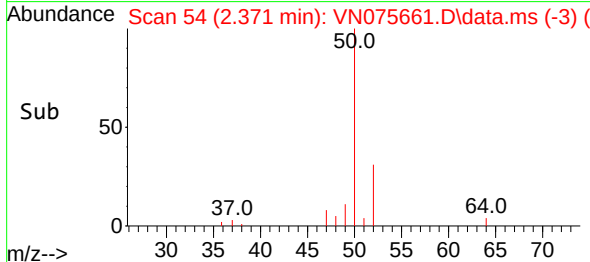
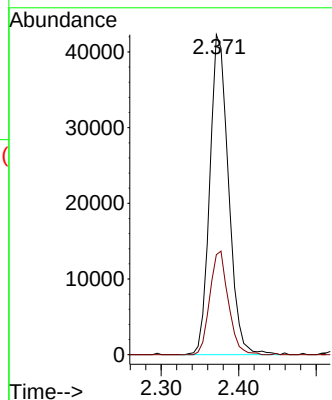
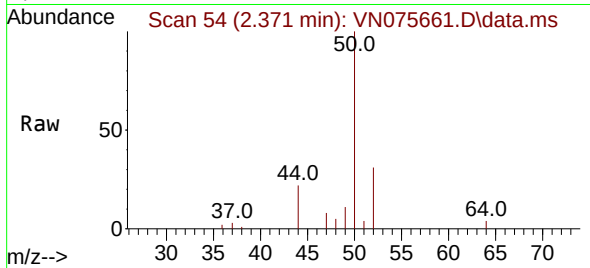




#3
Chloromethane
Concen: 55.631 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

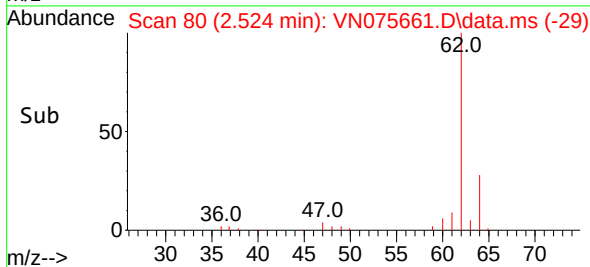
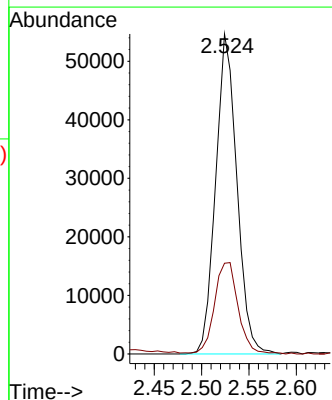
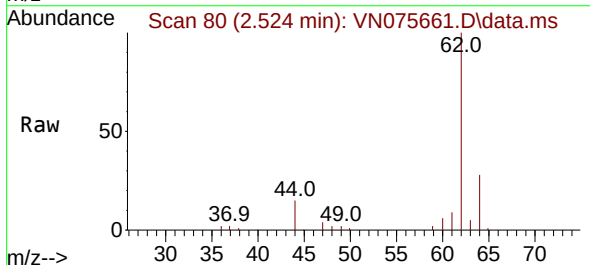
Instrument :
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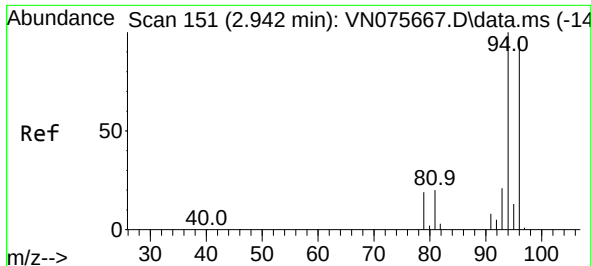
Tgt Ion: 50 Resp: 70942
Ion Ratio Lower Upper
50 100
52 31.2 27.9 41.9



#4
Vinyl Chloride
Concen: 54.475 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 62 Resp: 85331
Ion Ratio Lower Upper
62 100
64 28.1 25.9 38.9

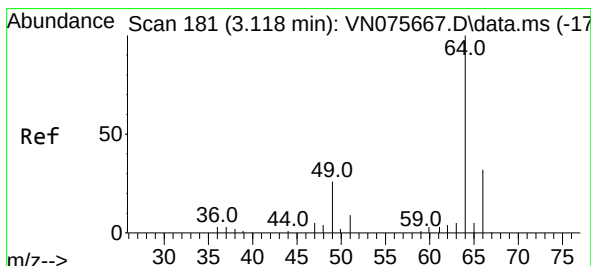
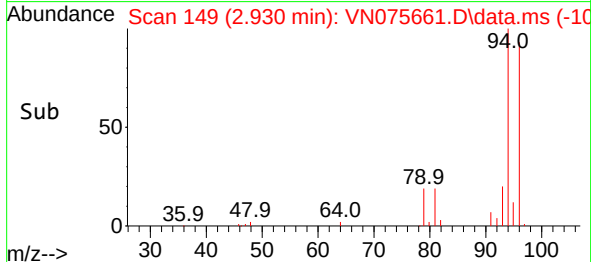
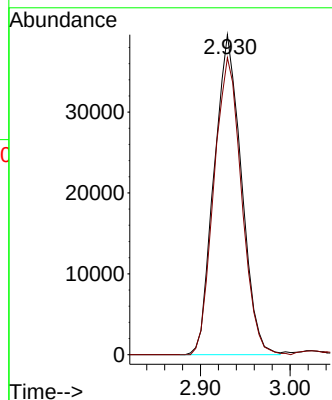
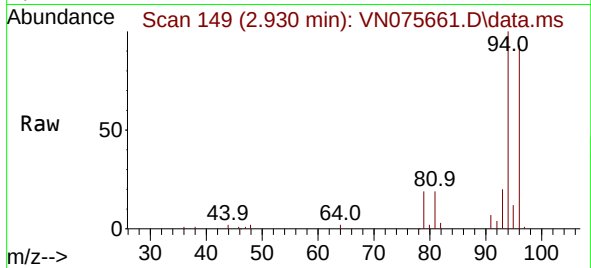




#5
Bromomethane
Concen: 62.711 ug/l
RT: 2.930 min Scan# 149
Delta R.T. -0.012 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

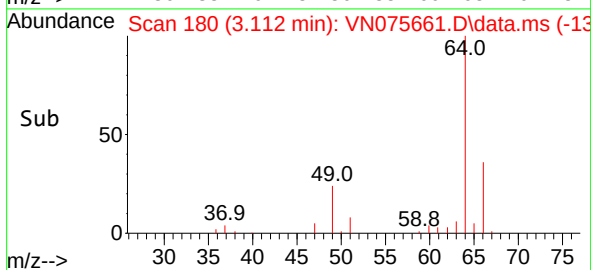
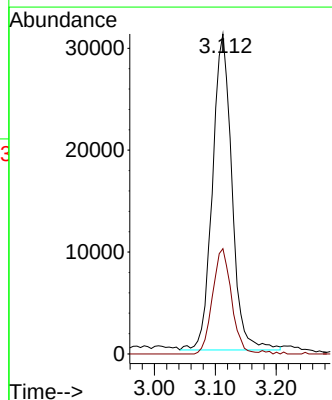
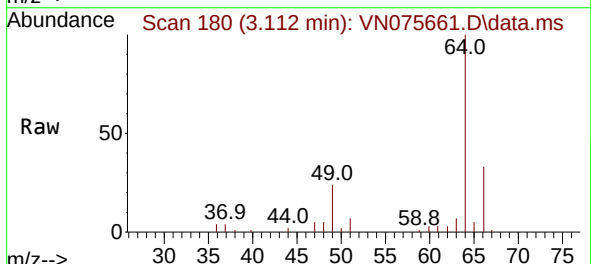
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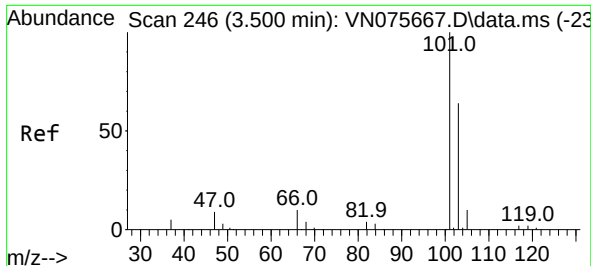
Tgt Ion: 94 Resp: 83664
Ion Ratio Lower Upper
94 100
96 92.8 77.6 116.4



#6
Chloroethane
Concen: 58.954 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 64 Resp: 68903
Ion Ratio Lower Upper
64 100
66 33.3 25.7 38.5

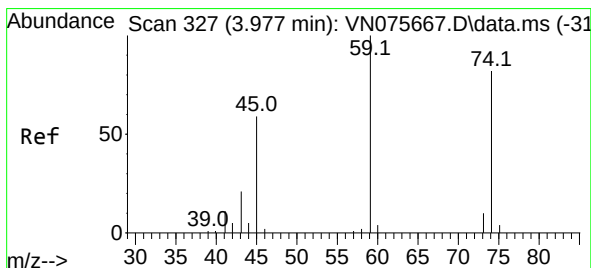
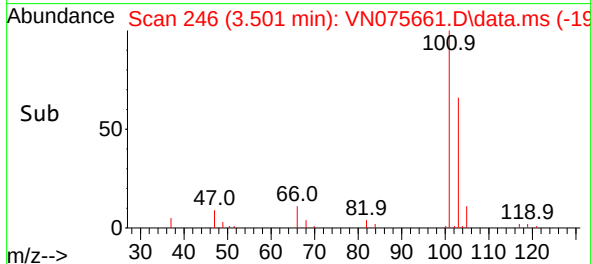
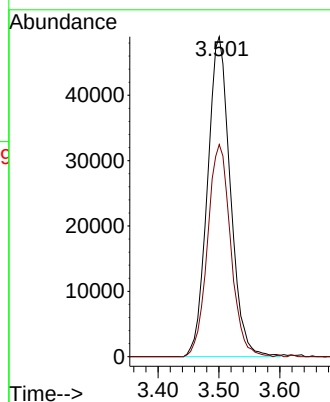
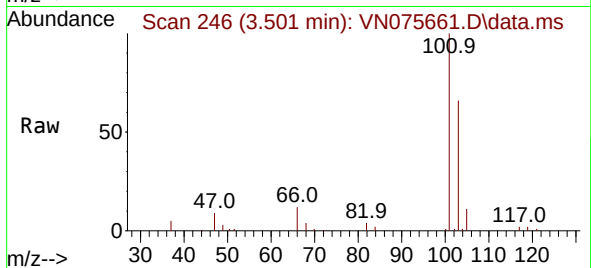




#7
 Trichlorofluoromethane
 Concen: 56.183 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

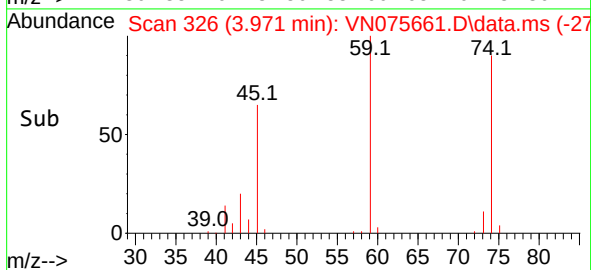
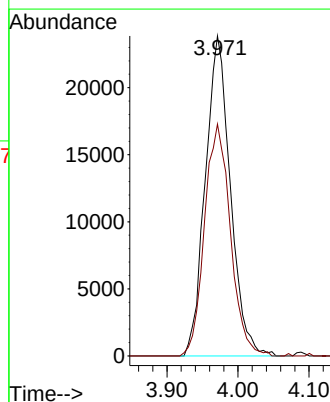
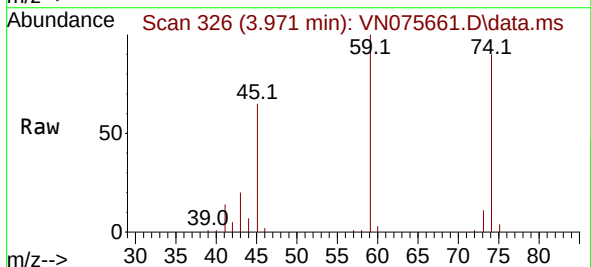
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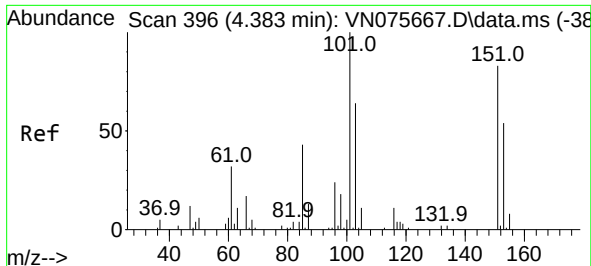
Tgt Ion:101 Resp: 127688
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 70.416 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

Tgt Ion: 74 Resp: 58507
 Ion Ratio Lower Upper
 74 100
 45 74.9 36.8 110.4

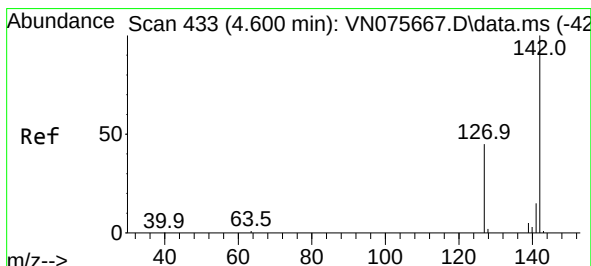
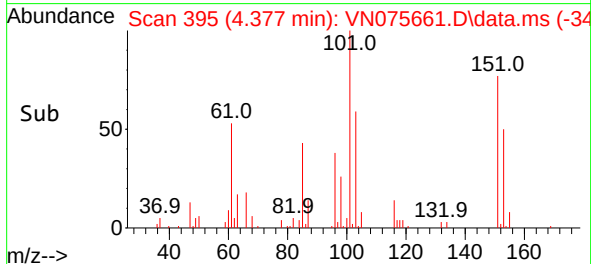
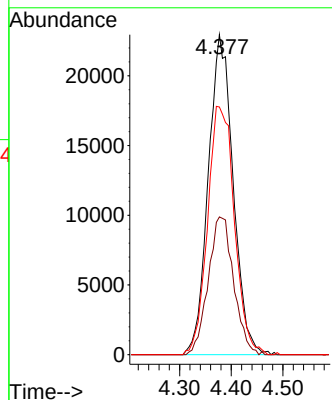
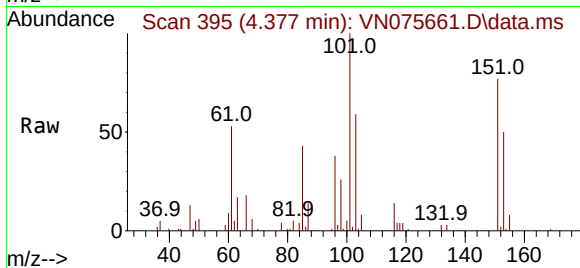




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.466 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
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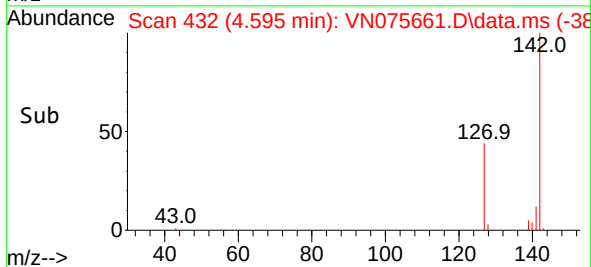
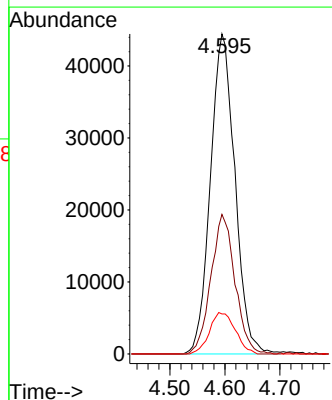
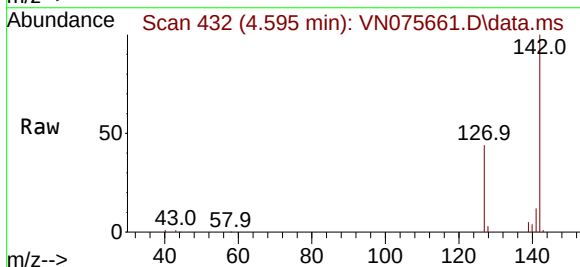
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MSVOA_N
ClientSampleId :
VSTDCCC050

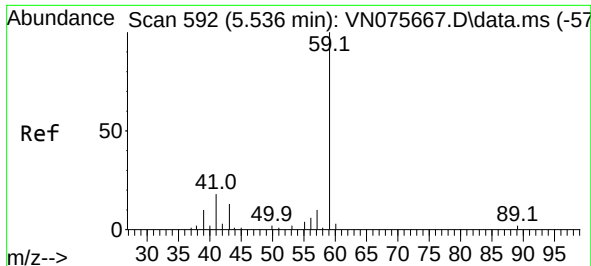
Tgt Ion:101 Resp: 76648
Ion Ratio Lower Upper
101 100
85 44.0 35.3 52.9
151 83.5 65.6 98.4



#10
Methyl Iodide
Concen: 63.202 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:142 Resp: 137755
Ion Ratio Lower Upper
142 100
127 42.8 35.0 52.4
141 13.6 11.4 17.2

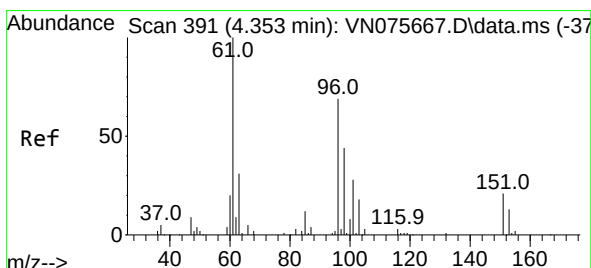
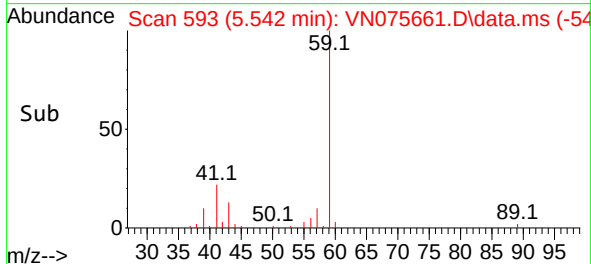
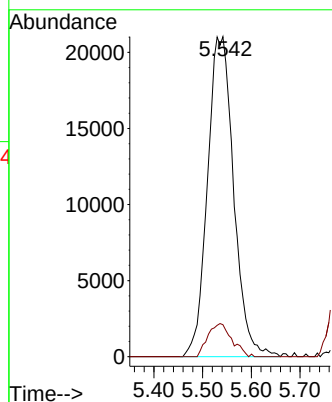
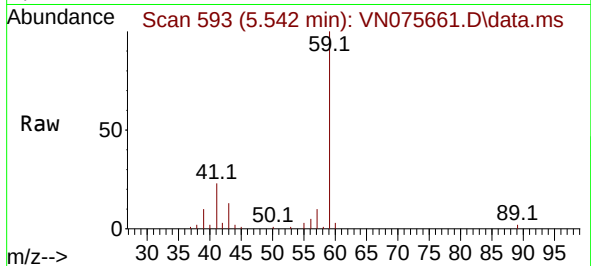




#11
Tert butyl alcohol
Concen: 344.254 ug/l
RT: 5.542 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

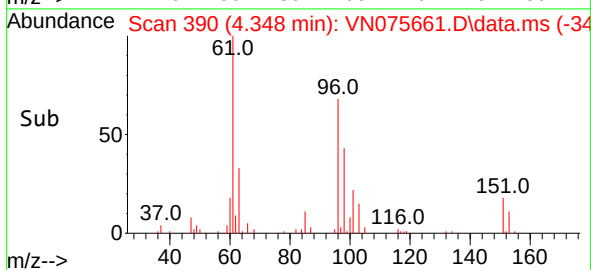
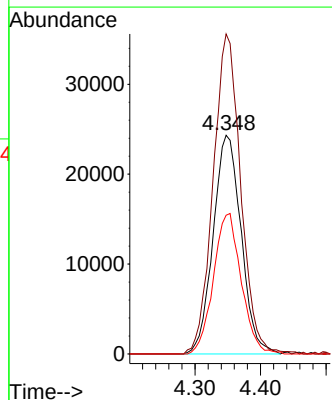
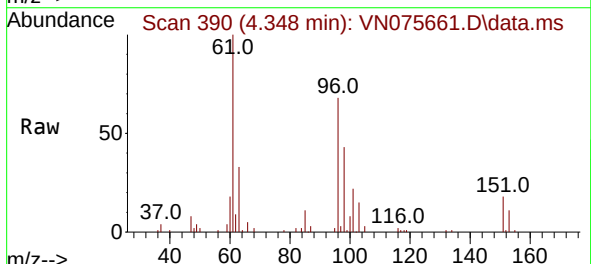
Instrument :
MSVOA_N
ClientSampleId :
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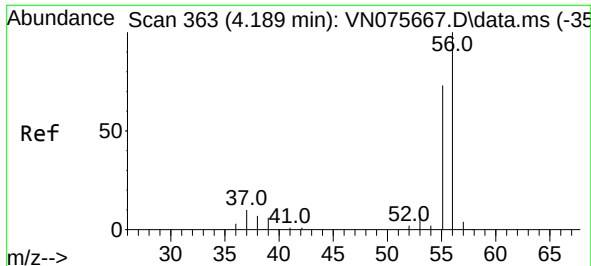
Tgt Ion: 59 Resp: 78637
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 57.785 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 96 Resp: 72040
Ion Ratio Lower Upper
96 100
61 146.3 116.8 175.2
98 63.5 51.6 77.4

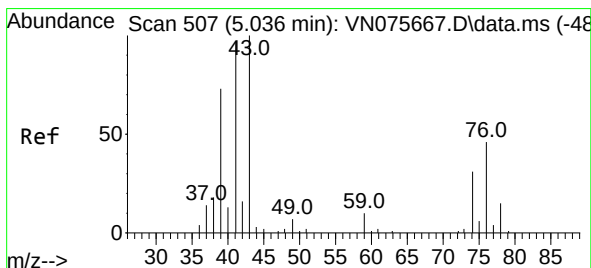
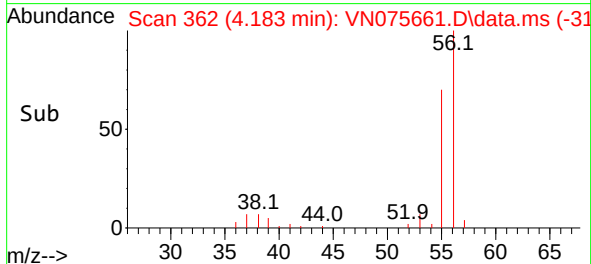
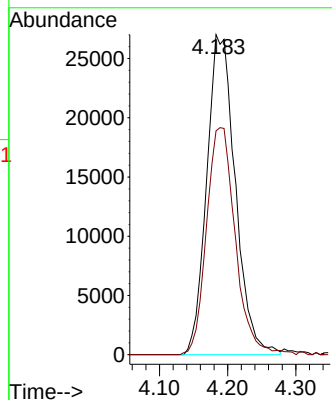
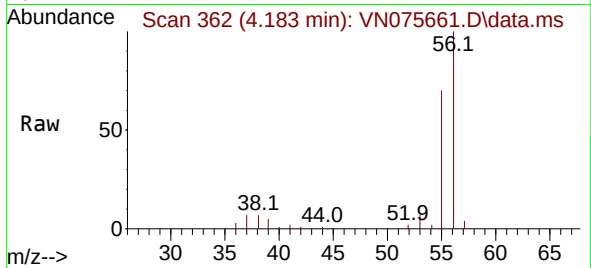




#13
Acrolein
Concen: 299.705 ug/l
RT: 4.183 min Scan# 362
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

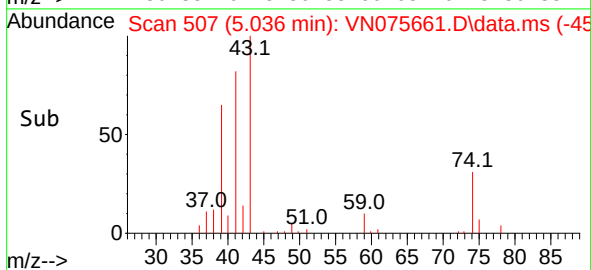
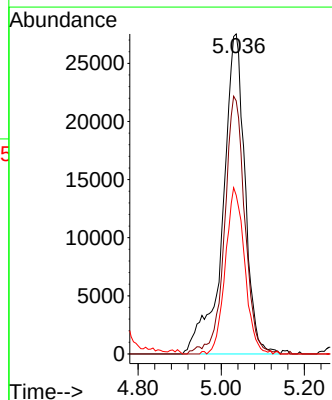
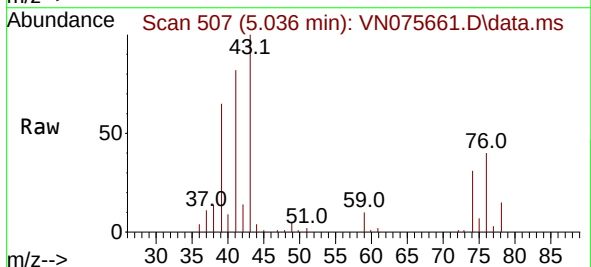
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

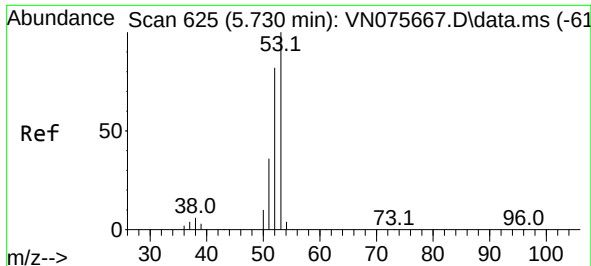
Tgt Ion: 56 Resp: 78847
Ion Ratio Lower Upper
56 100
55 71.5 55.7 83.5



#14
Allyl chloride
Concen: 65.602 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 41 Resp: 101848
Ion Ratio Lower Upper
41 100
39 73.5 64.6 96.8
76 45.1 40.9 61.3

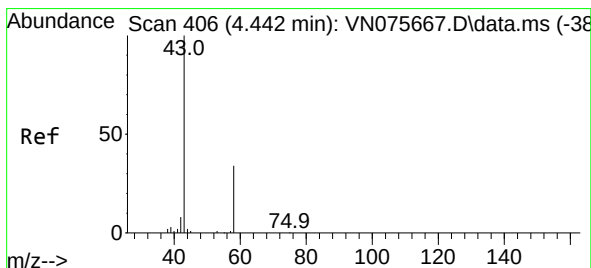
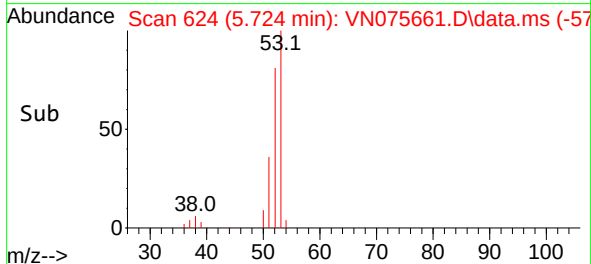
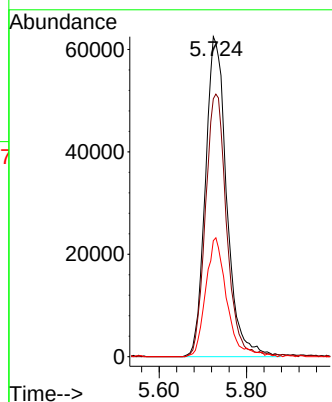
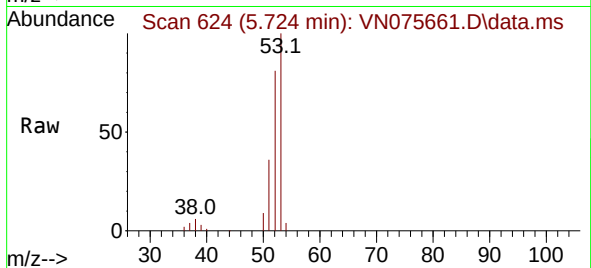




#15
Acrylonitrile
Concen: 359.822 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

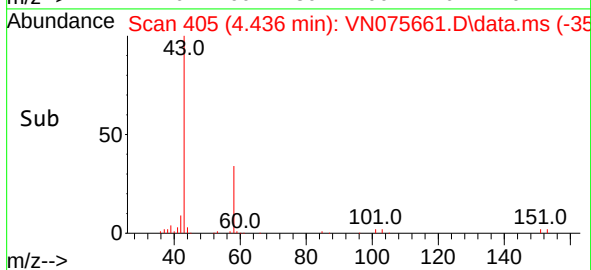
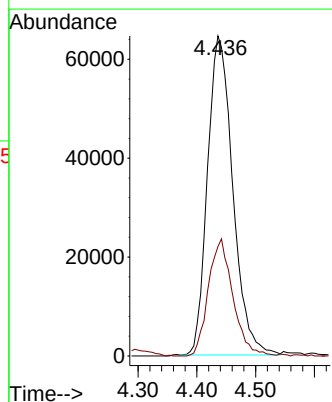
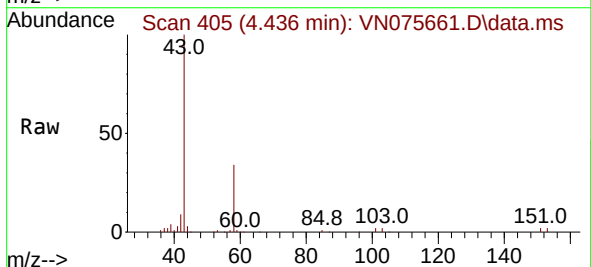
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

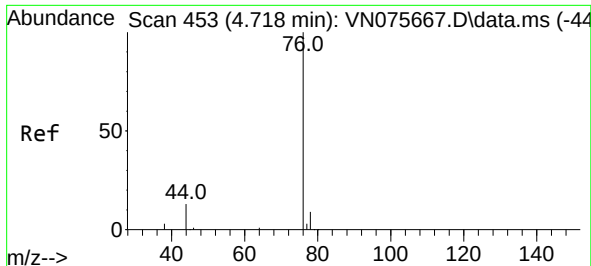
Tgt Ion: 53 Resp: 212306
Ion Ratio Lower Upper
53 100
52 81.8 65.0 97.4
51 36.7 28.9 43.3



#16
Acetone
Concen: 369.203 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 43 Resp: 193059
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.4

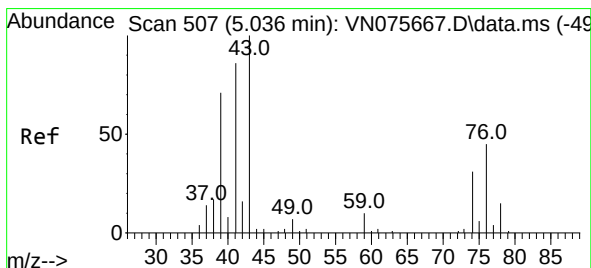
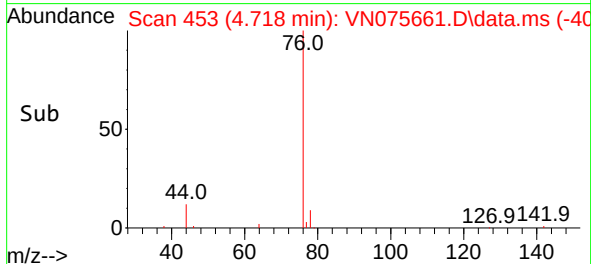
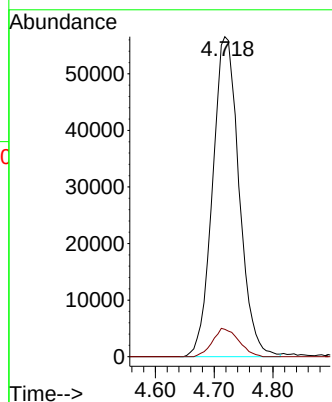
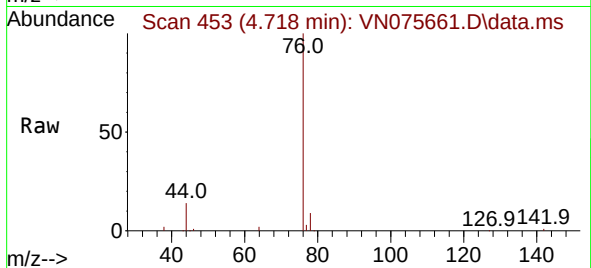




#17
Carbon Disulfide
Concen: 53.643 ug/l
RT: 4.718 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

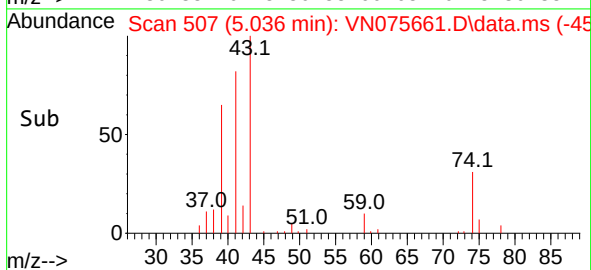
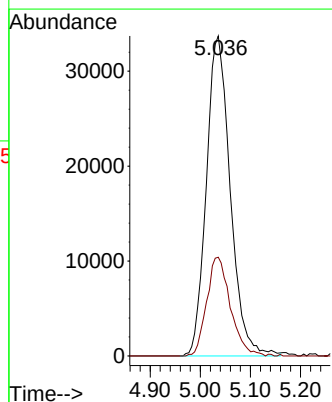
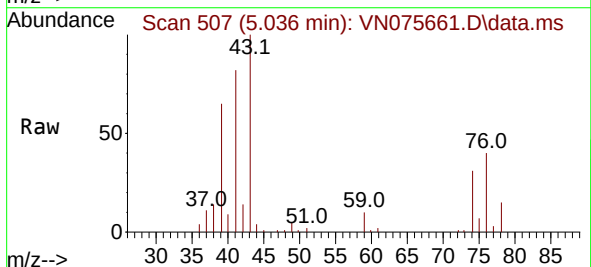
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

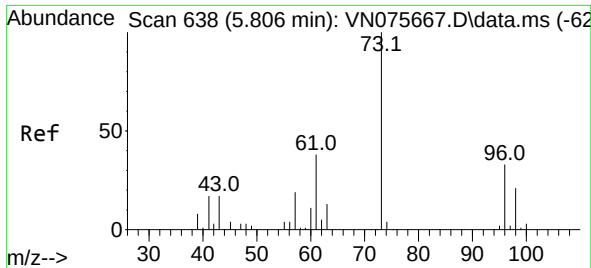
Tgt Ion: 76 Resp: 176959
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 66.525 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 43 Resp: 111780
Ion Ratio Lower Upper
43 100
74 30.6 24.5 36.7

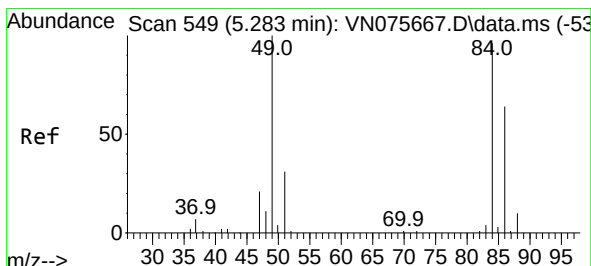
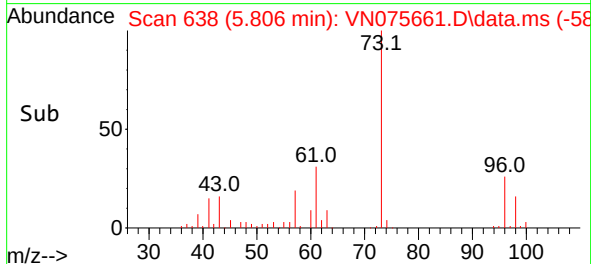
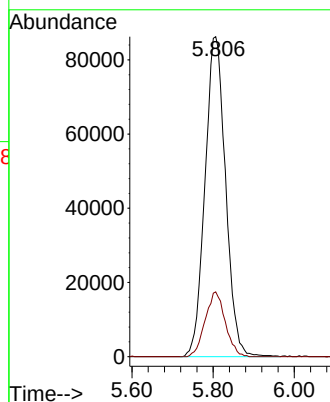
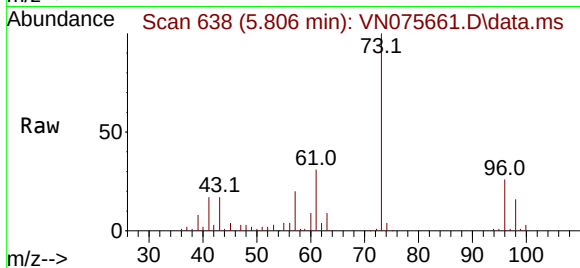




#19
Methyl tert-butyl Ether
Concen: 72.437 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

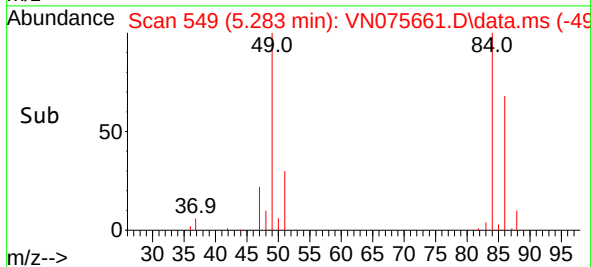
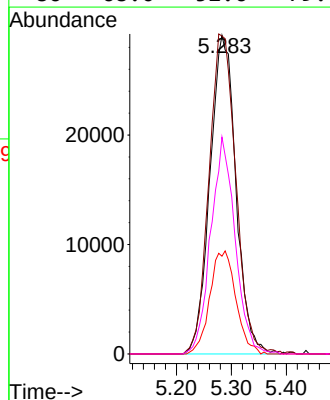
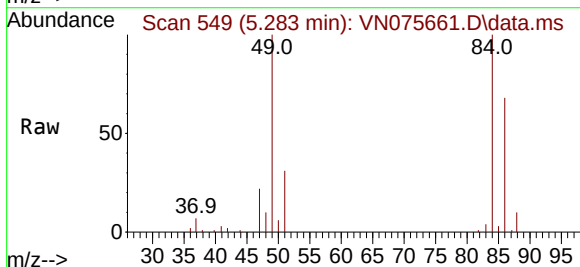
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

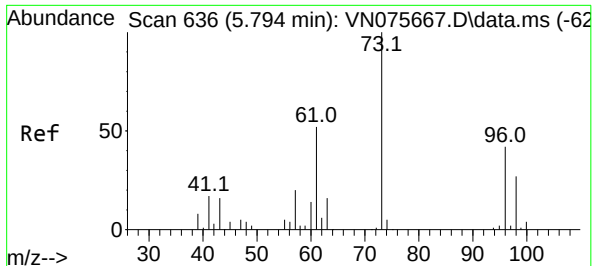
Tgt Ion: 73 Resp: 303780
Ion Ratio Lower Upper
73 100
57 20.2 15.1 22.7



#20
Methylene Chloride
Concen: 61.271 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 84 Resp: 95512
Ion Ratio Lower Upper
84 100
49 99.8 83.0 124.4
51 30.7 26.0 39.0
86 68.0 52.6 79.0

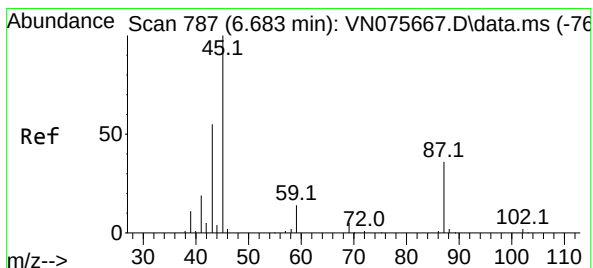
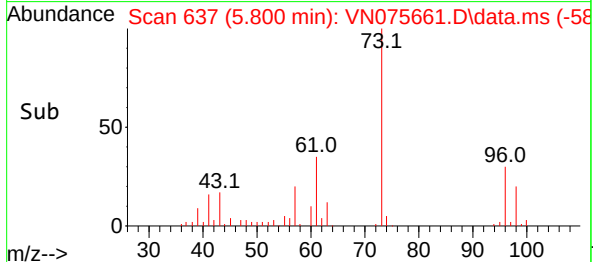
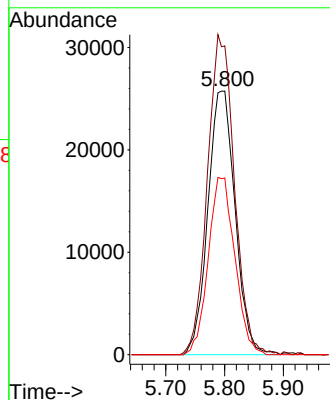
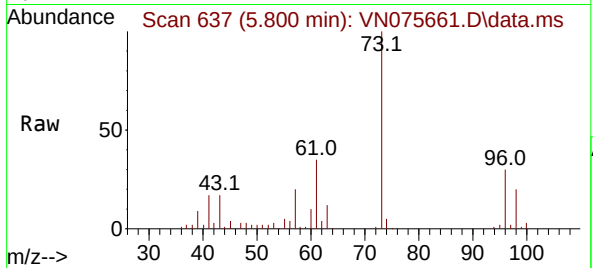




#21
trans-1,2-Dichloroethene
Concen: 59.564 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

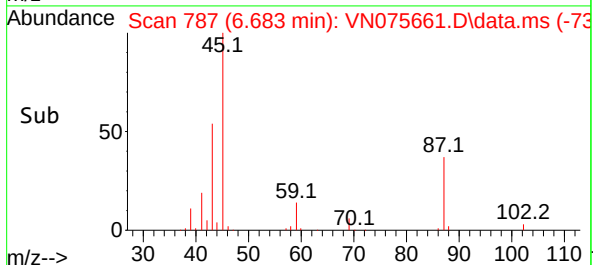
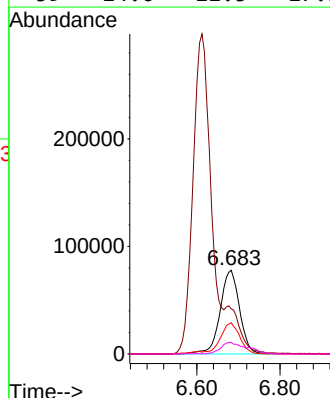
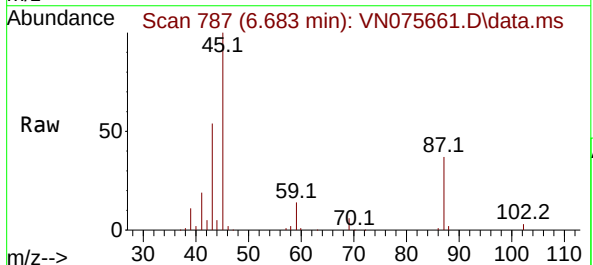
Instrument :
MSVOA_N
ClientSampleId :
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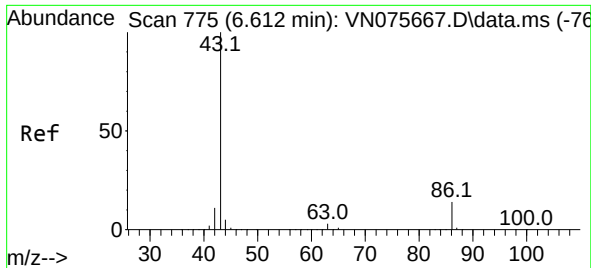
Tgt Ion: 96 Resp: 82984
Ion Ratio Lower Upper
96 100
61 117.2 100.5 150.7
98 67.1 52.7 79.1



#22
Diisopropyl ether
Concen: 71.433 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 45 Resp: 252329
Ion Ratio Lower Upper
45 100
43 53.2 44.9 67.3
87 37.3 28.8 43.2
59 14.0 11.5 17.3

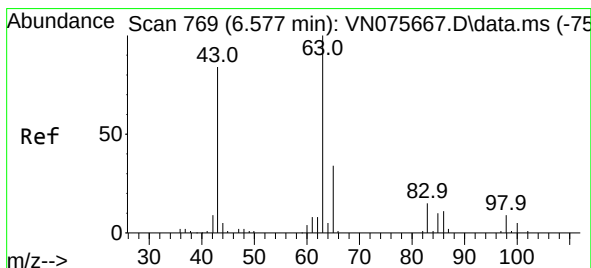
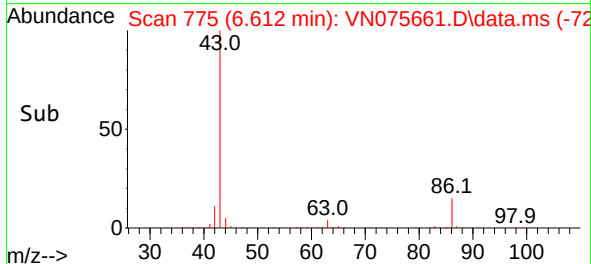
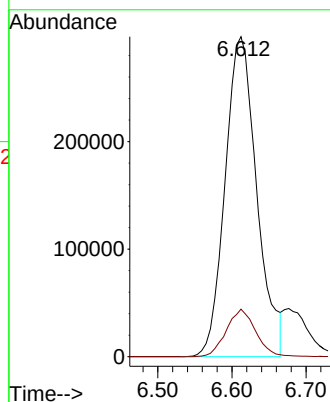
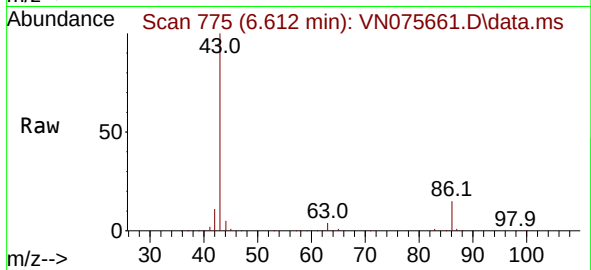




#23
 Vinyl Acetate
 Concen: 328.408 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

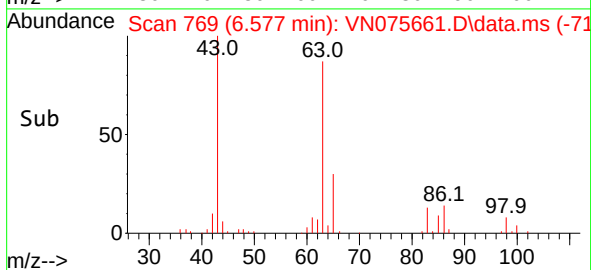
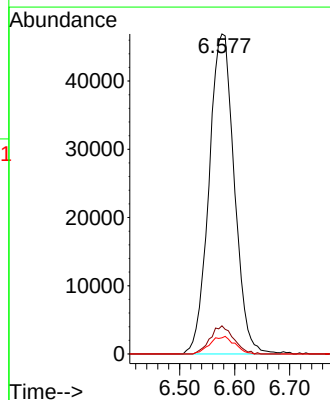
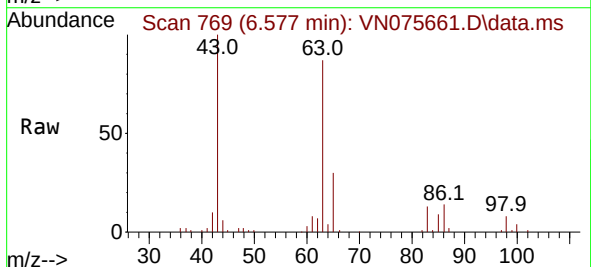
Instrument :
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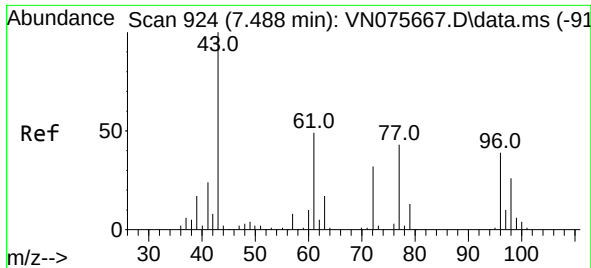
Tgt Ion: 43 Resp: 884585
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 64.454 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

Tgt Ion: 63 Resp: 149868
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.3 12.9
 100 5.1 2.6 7.8

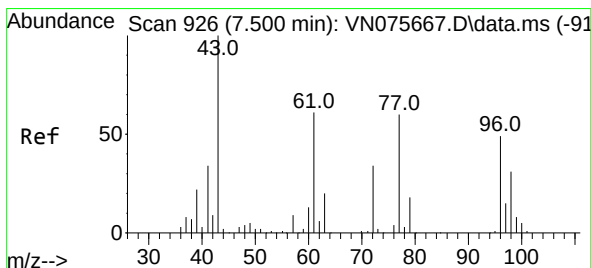
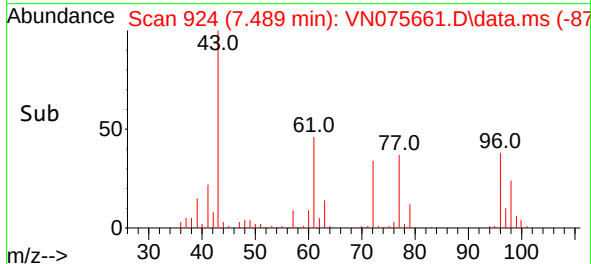
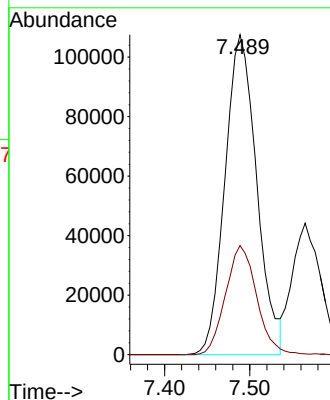
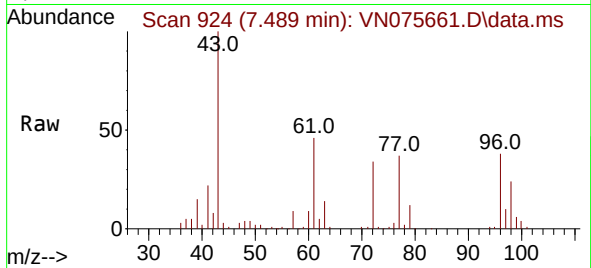




#25
2-Butanone
Concen: 364.020 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

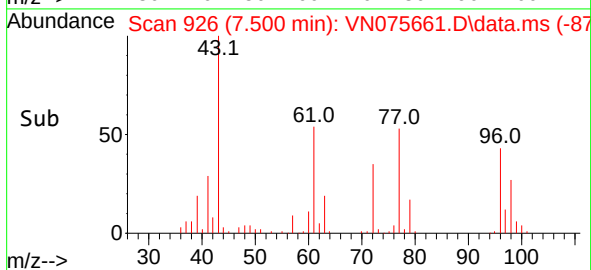
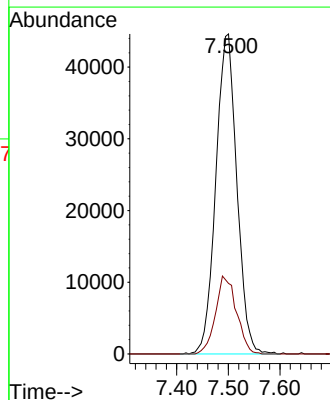
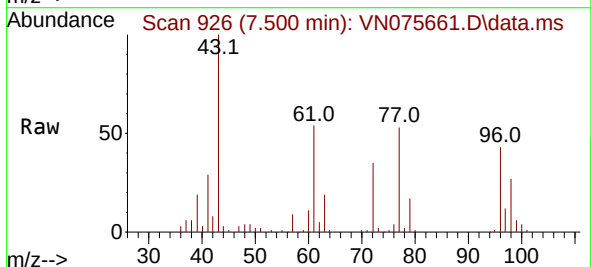
Instrument :
MSVOA_N
ClientSampleId :
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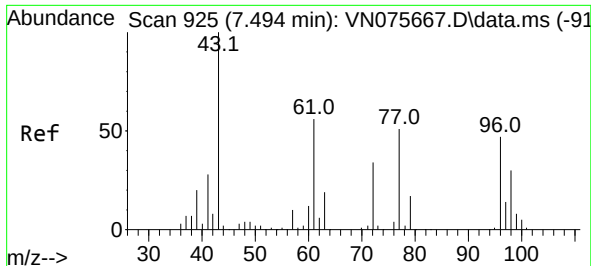
Tgt Ion: 43 Resp: 278263
Ion Ratio Lower Upper
43 100
72 34.1 25.3 37.9



#26
2,2-Dichloropropane
Concen: 63.475 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 77 Resp: 125877
Ion Ratio Lower Upper
77 100
97 24.2 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 63.573 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

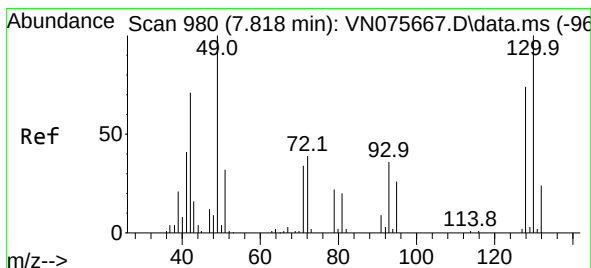
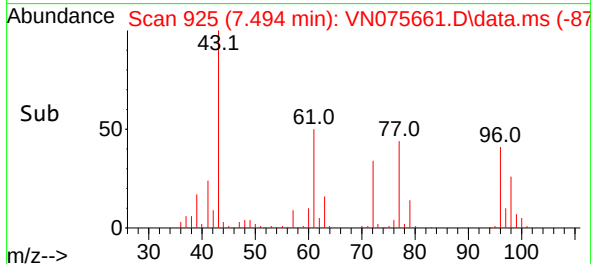
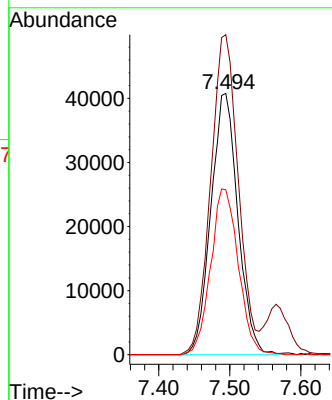
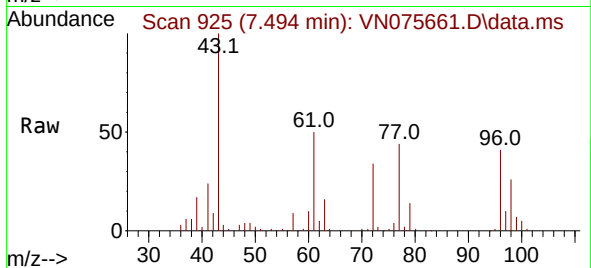
Tgt Ion: 96 Resp: 107525

Ion Ratio Lower Upper

96 100

61 125.6 0.0 247.8

98 65.0 0.0 126.0



#28

Bromochloromethane

Concen: 62.355 ug/l

RT: 7.818 min Scan# 980

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

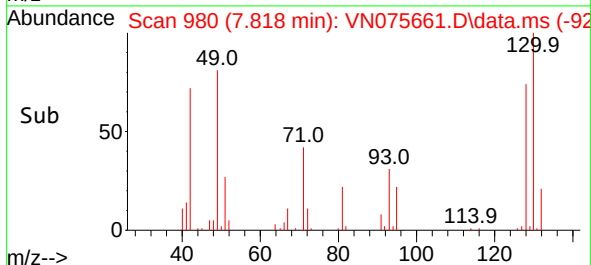
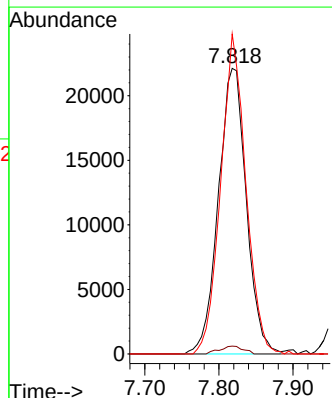
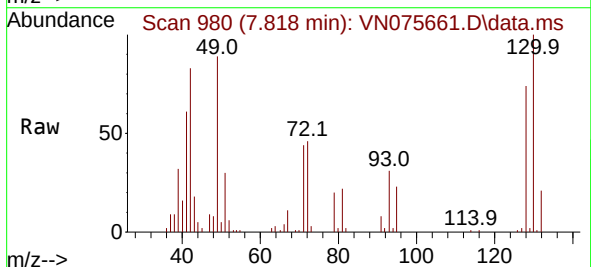
Tgt Ion: 49 Resp: 57970

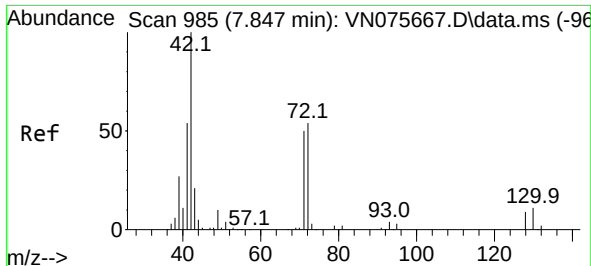
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.4

130 100.5 78.5 117.7

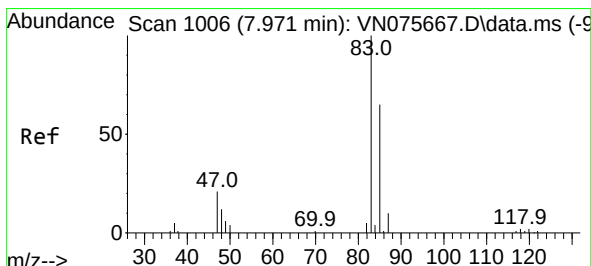
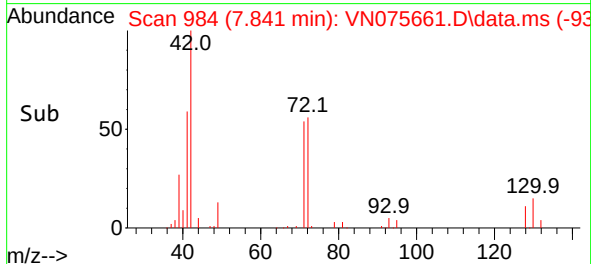
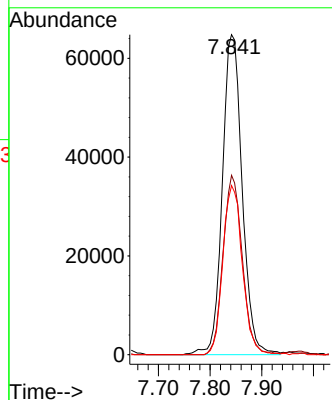
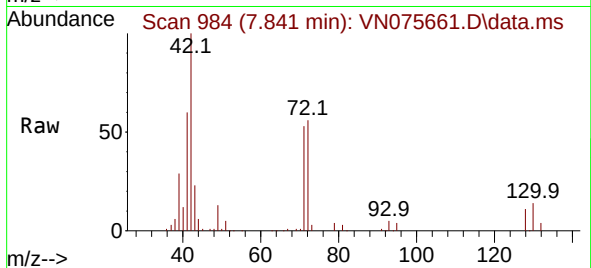




#29
Tetrahydrofuran
Concen: 366.772 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

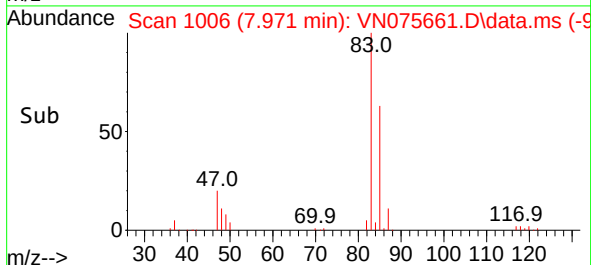
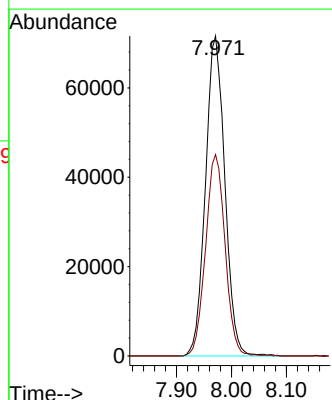
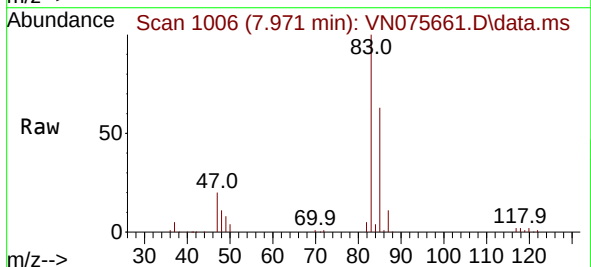
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

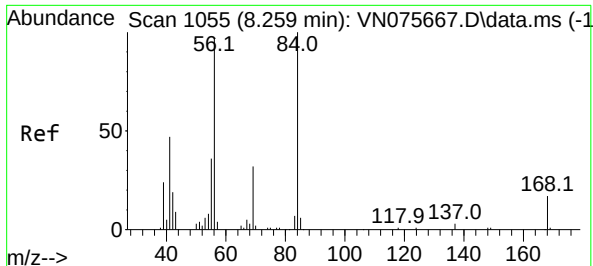
Tgt Ion: 42 Resp: 172809
Ion Ratio Lower Upper
42 100
72 54.5 44.6 67.0
71 52.2 41.2 61.8



#30
Chloroform
Concen: 68.102 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 83 Resp: 175394
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.6





#31

Cyclohexane

Concen: 52.016 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

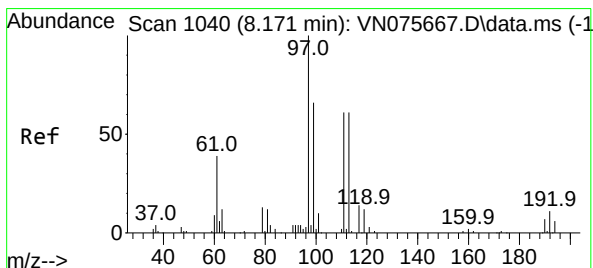
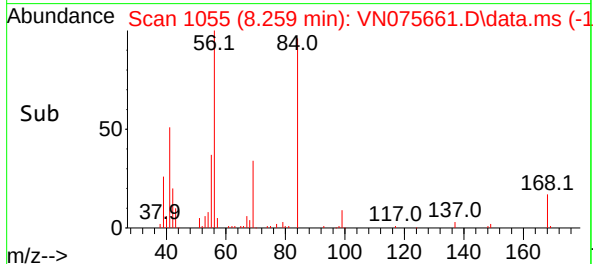
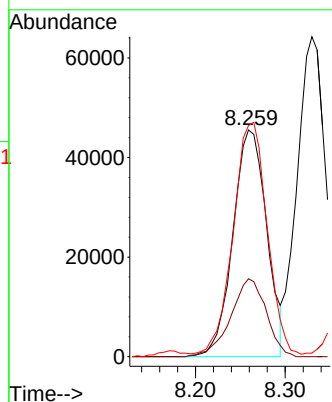
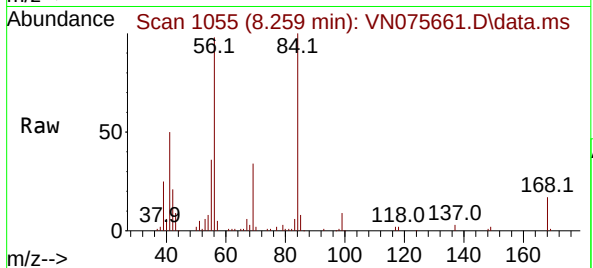
Tgt Ion: 56 Resp: 118914

Ion Ratio Lower Upper

56 100

69 34.4 26.2 39.2

84 100.4 82.8 124.2



#32

1,1,1-Trichloroethane

Concen: 61.248 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

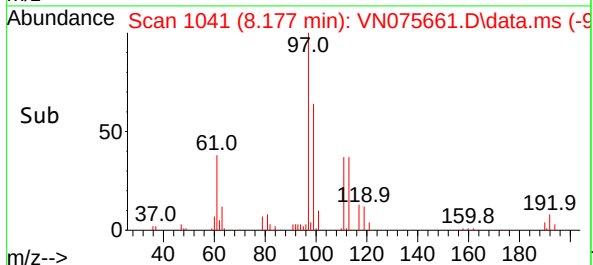
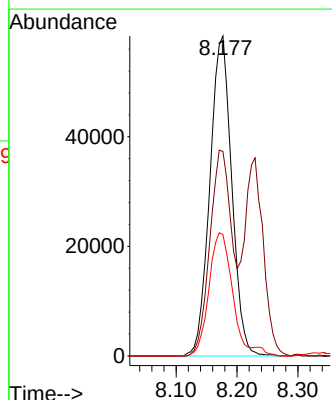
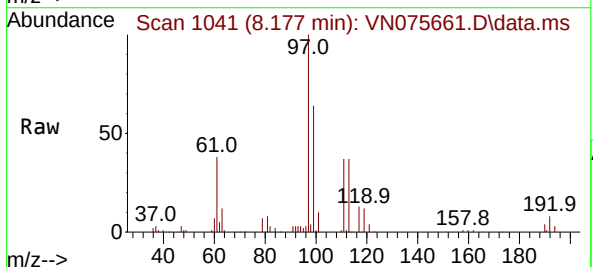
Tgt Ion: 97 Resp: 145531

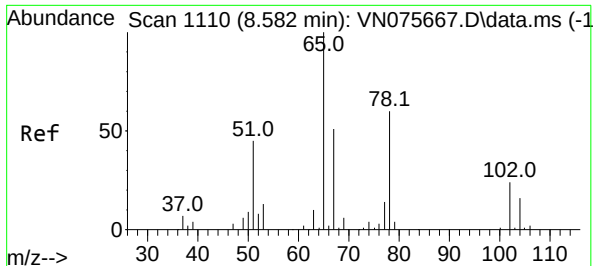
Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 40.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 27.752 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

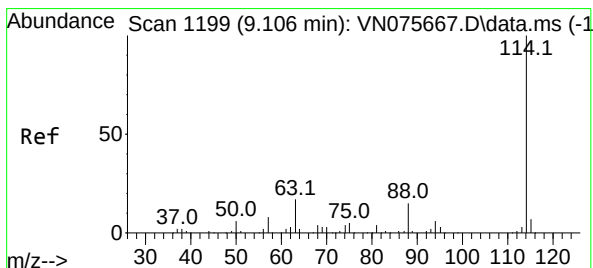
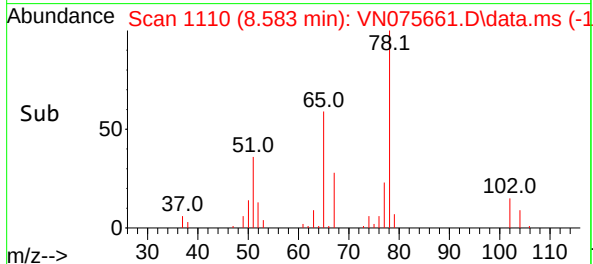
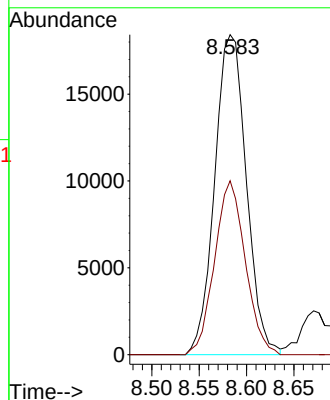
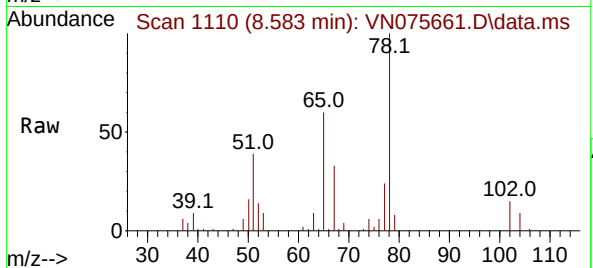
VSTDCCC050

Tgt Ion: 65 Resp: 42851

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

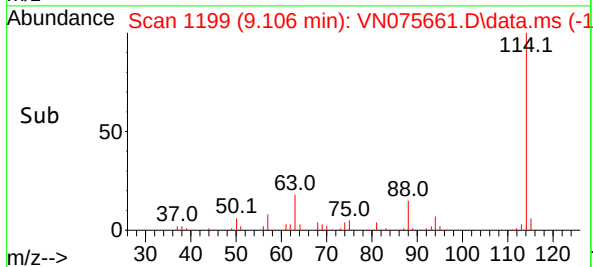
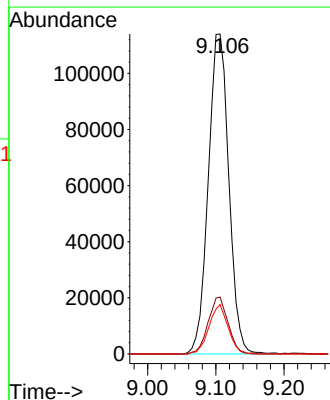
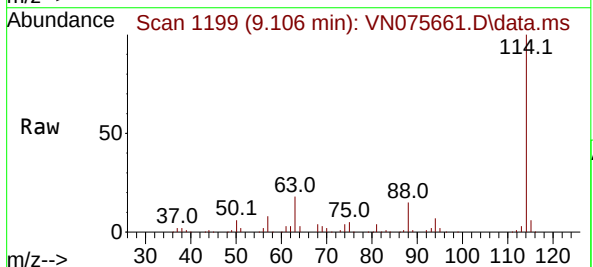
Tgt Ion: 114 Resp: 239364

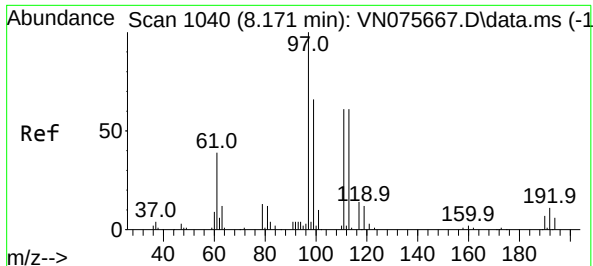
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 37.232 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

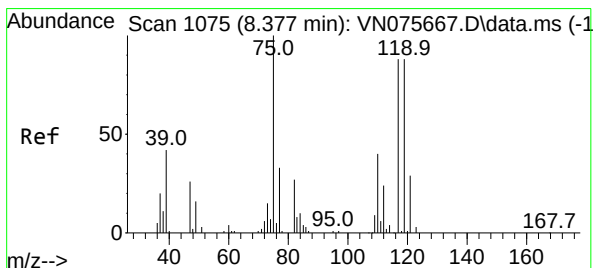
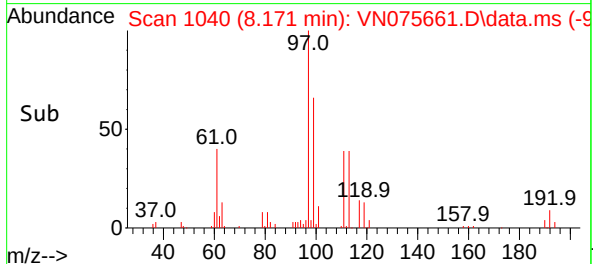
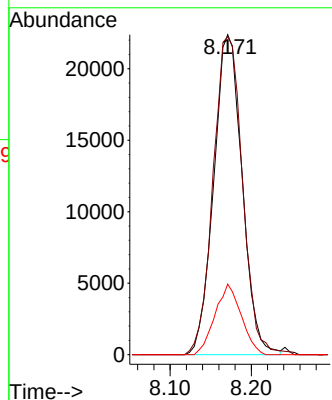
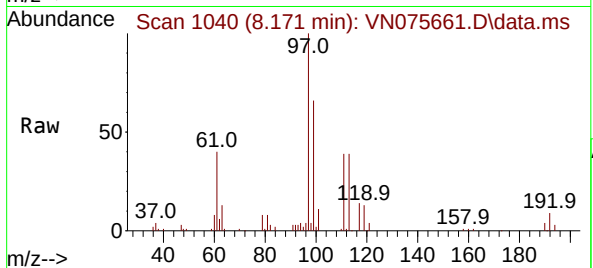
Tgt Ion:113 Resp: 54373

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.6

192 20.4 16.2 24.2



#36

1,1-Dichloropropene

Concen: 57.468 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

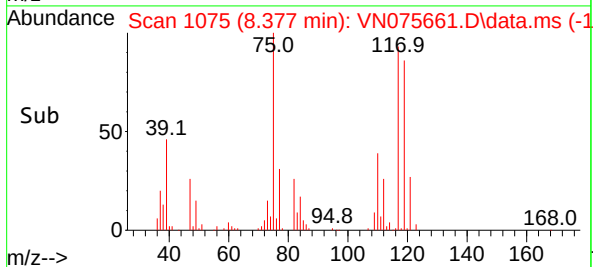
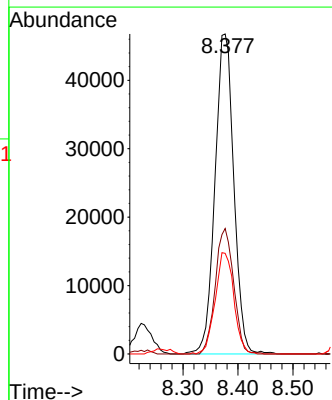
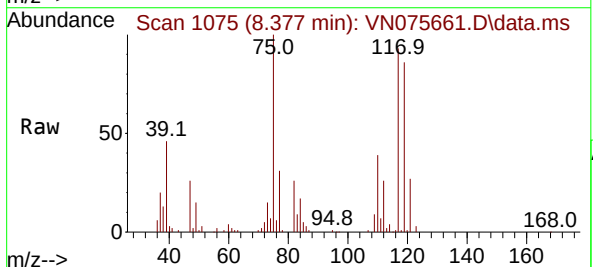
Tgt Ion: 75 Resp: 111440

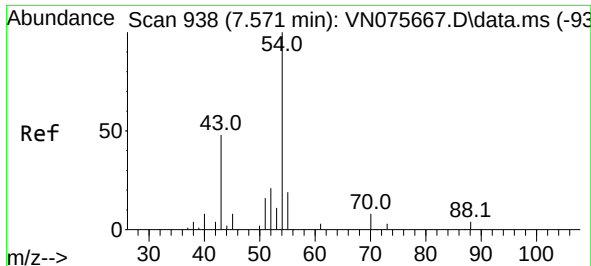
Ion Ratio Lower Upper

75 100

110 38.3 18.9 56.9

77 31.4 25.4 38.2

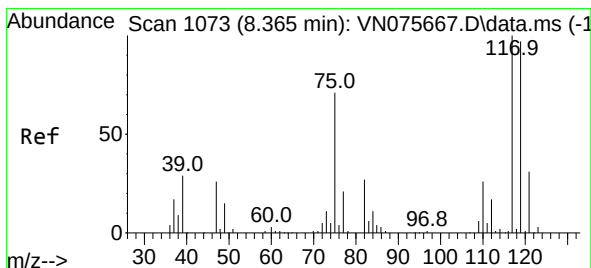
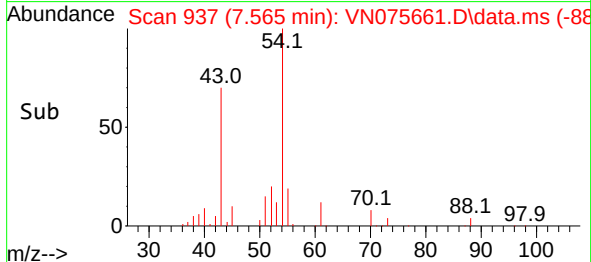
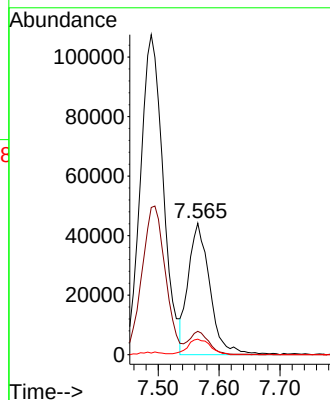
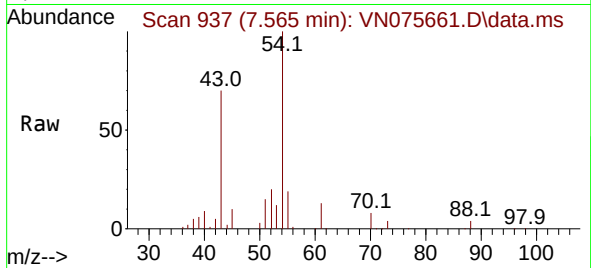




#37
Ethyl Acetate
Concen: 69.872 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

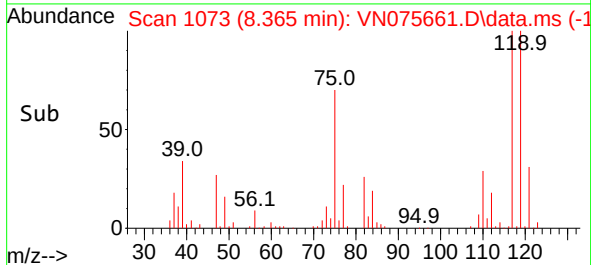
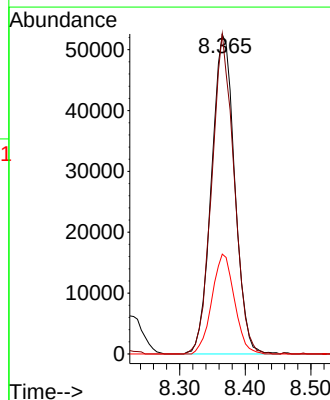
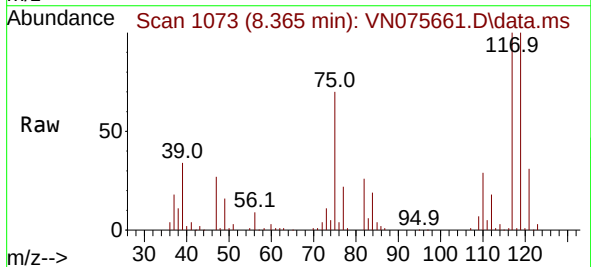
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

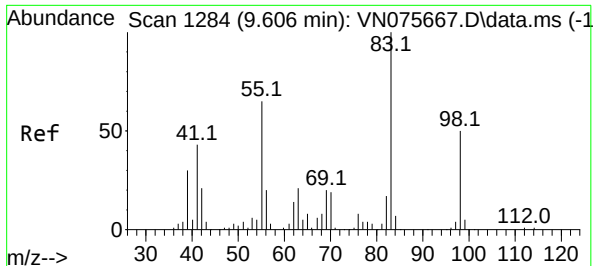
Tgt Ion: 43 Resp: 108787
Ion Ratio Lower Upper
43 100
61 15.4 13.3 19.9
70 12.3 9.9 14.9



#38
Carbon Tetrachloride
Concen: 57.475 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 117 Resp: 128614
Ion Ratio Lower Upper
117 100
119 100.1 77.2 115.8
121 31.2 24.6 37.0





#39

Methylcyclohexane

Concen: 59.437 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

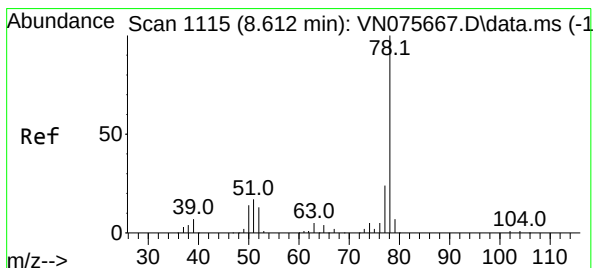
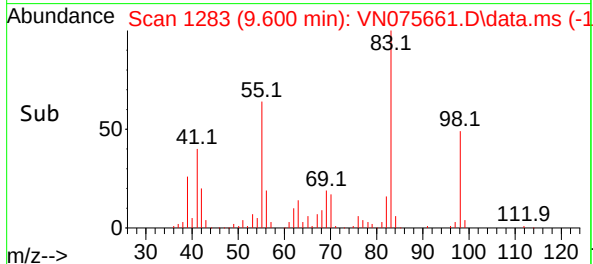
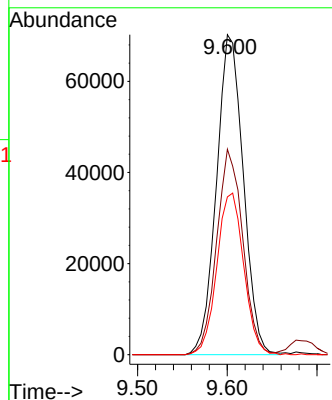
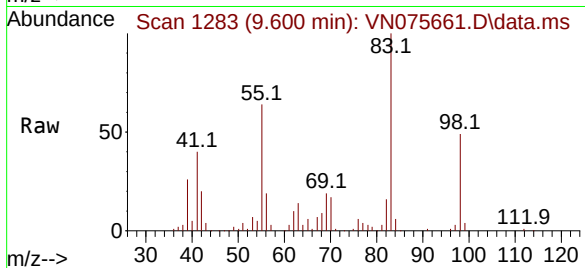
Tgt Ion: 83 Resp: 146152

Ion Ratio Lower Upper

83 100

55 64.2 51.6 77.4

98 49.3 39.8 59.8



#40

Benzene

Concen: 62.257 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075661.D

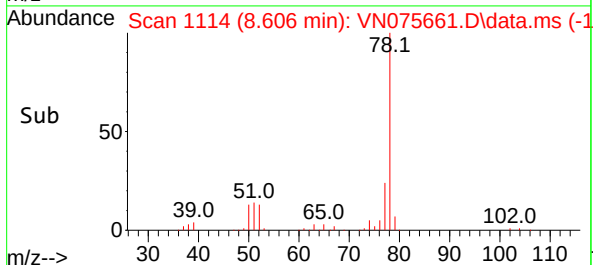
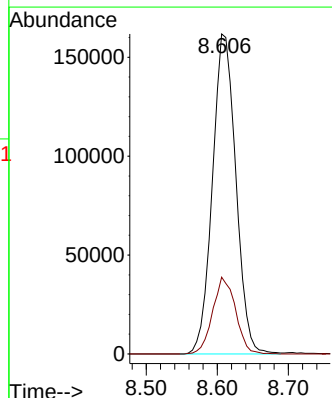
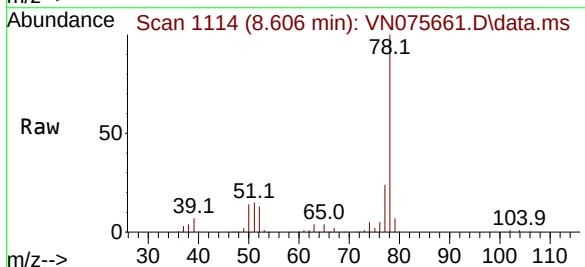
Acq: 09 Dec 2022 11:04

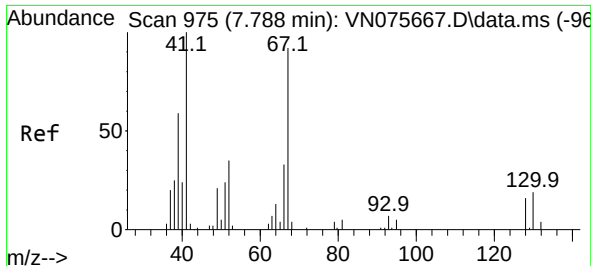
Tgt Ion: 78 Resp: 370504

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

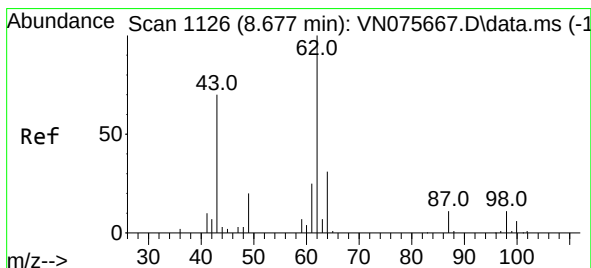
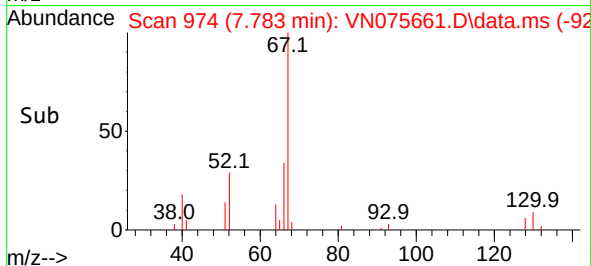
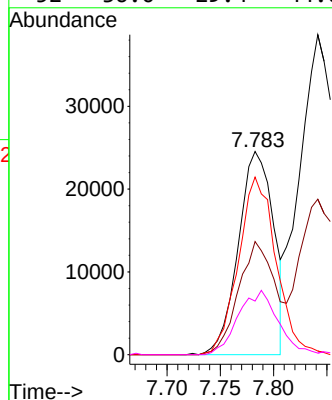
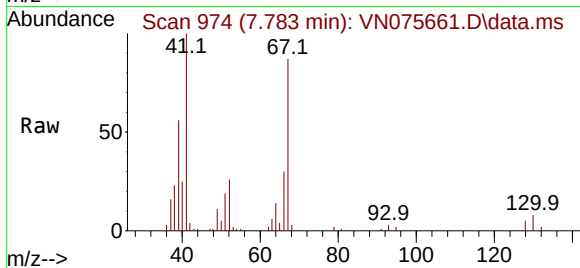




#41
Methacrylonitrile
Concen: 70.711 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

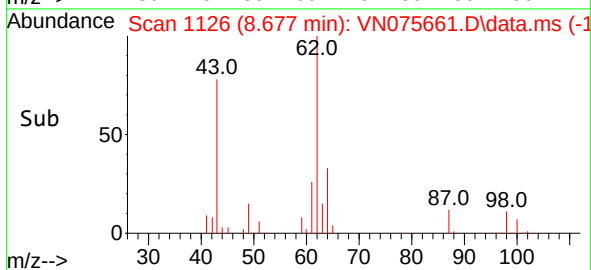
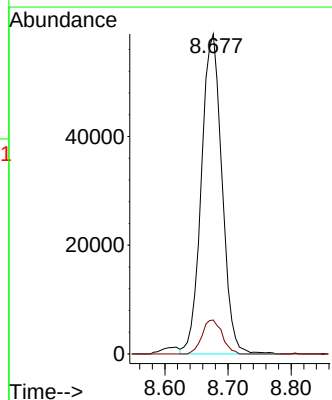
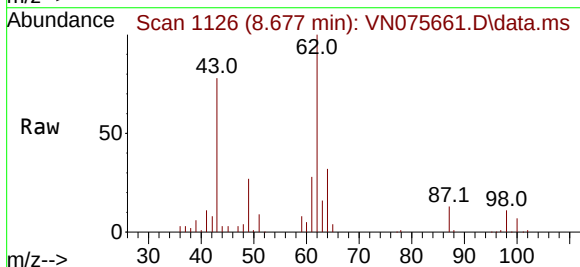
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

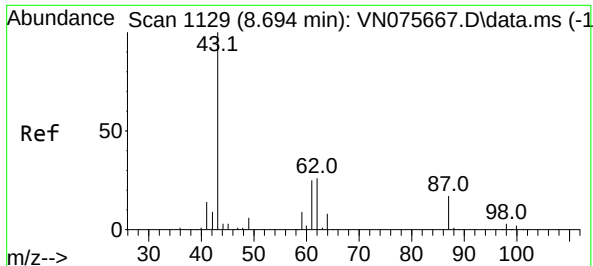
Tgt Ion:	41	Resp:	56451
Ion	Ratio	Lower	Upper
41	100		
39	59.2	46.3	69.5
67	93.5	74.0	111.0
52	36.0	29.4	44.0



#42
1,2-Dichloroethane
Concen: 66.981 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:	62	Resp:	133347
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.8

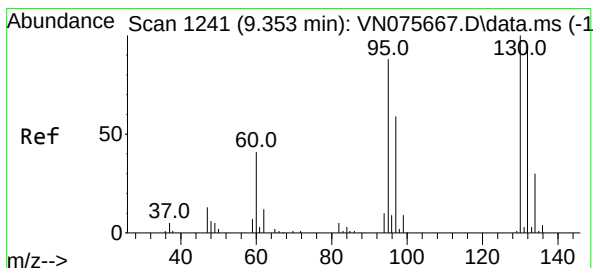
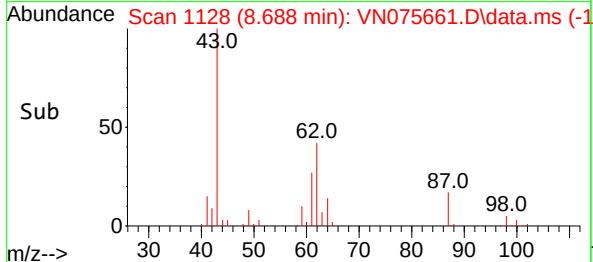
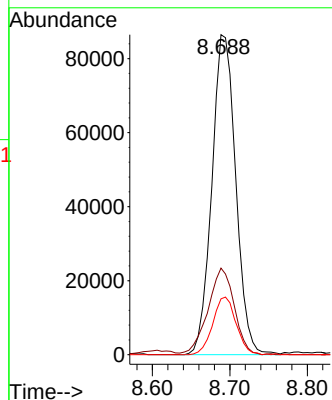
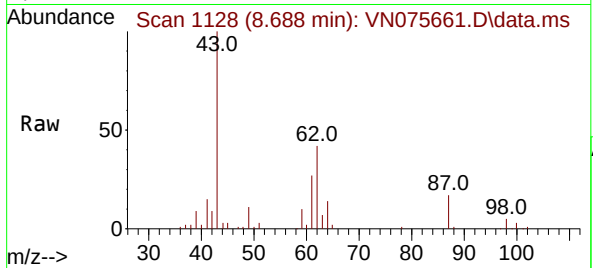




#43
Isopropyl Acetate
Concen: 71.517 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

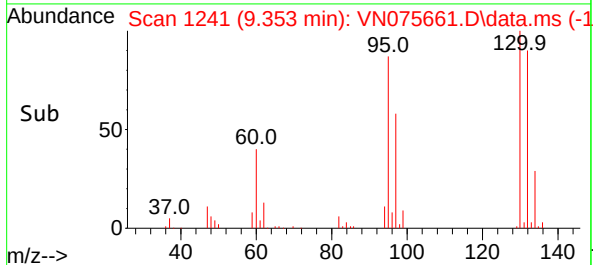
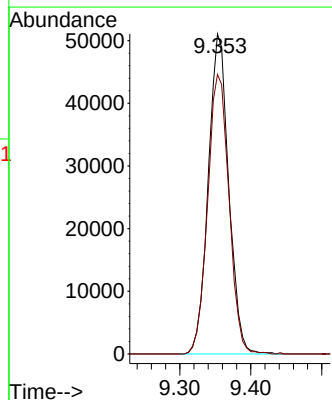
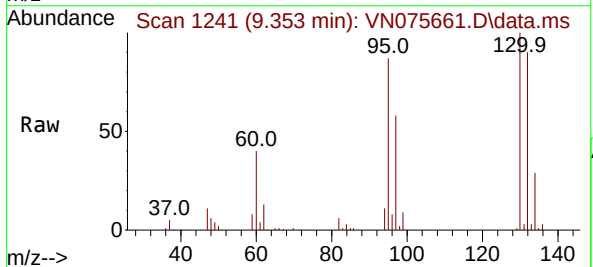
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

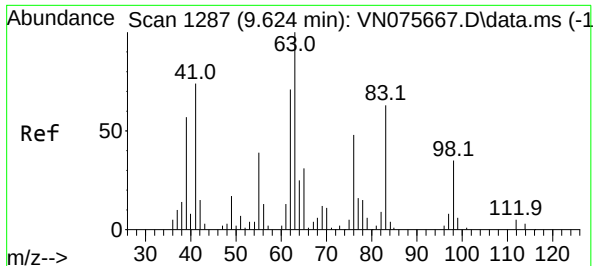
Tgt Ion: 43 Resp: 185891
Ion Ratio Lower Upper
43 100
61 29.6 23.8 35.8
87 17.6 13.7 20.5



#44
Trichloroethene
Concen: 60.865 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:130 Resp: 102187
Ion Ratio Lower Upper
130 100
95 87.4 0.0 176.8





#45

1,2-Dichloropropane

Concen: 65.765 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

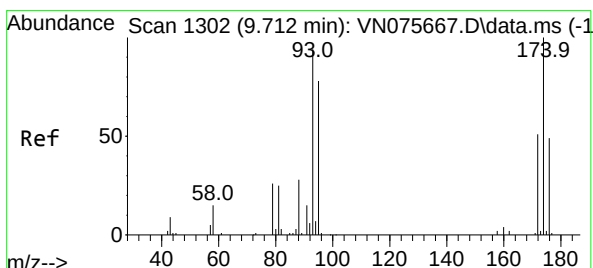
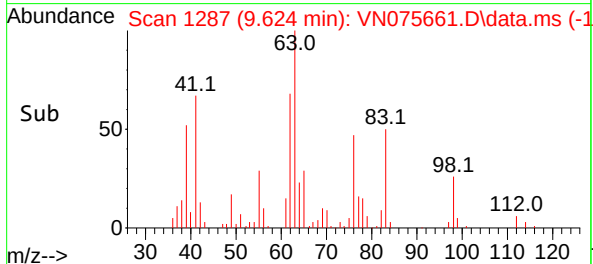
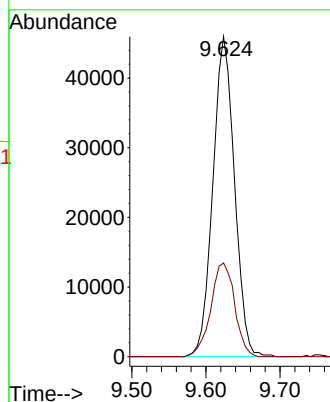
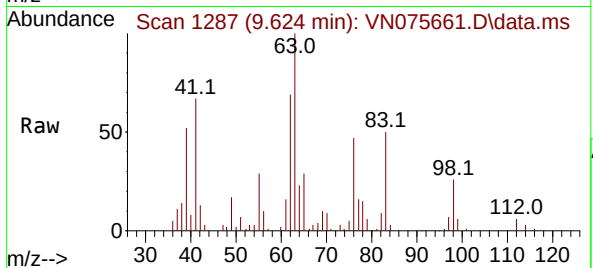
VSTDCCC050

Tgt Ion: 63 Resp: 93085

Ion Ratio Lower Upper

63 100

65 29.3 25.1 37.7



#46

Dibromomethane

Concen: 68.267 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

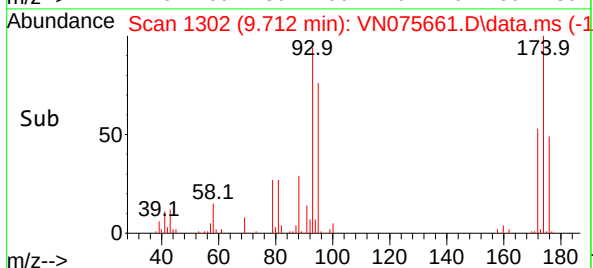
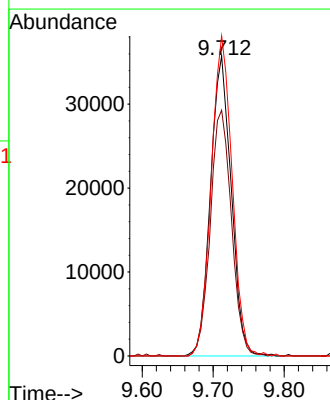
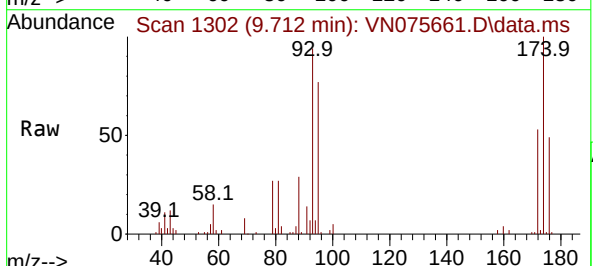
Tgt Ion: 93 Resp: 72544

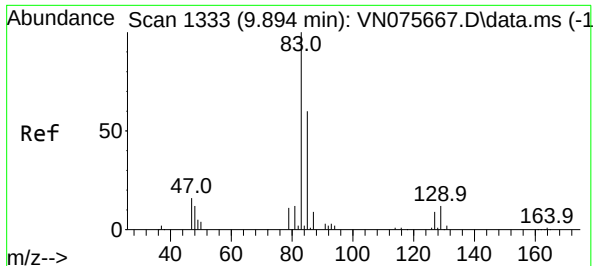
Ion Ratio Lower Upper

93 100

95 83.5 67.3 100.9

174 107.2 85.0 127.6





#47

Bromodichloromethane

Concen: 68.802 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

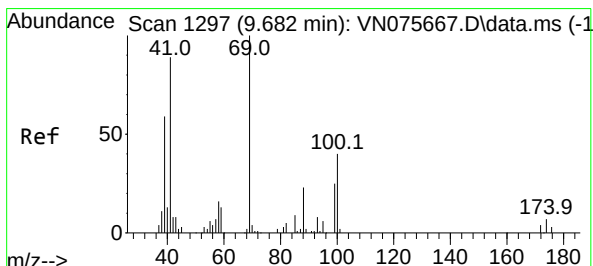
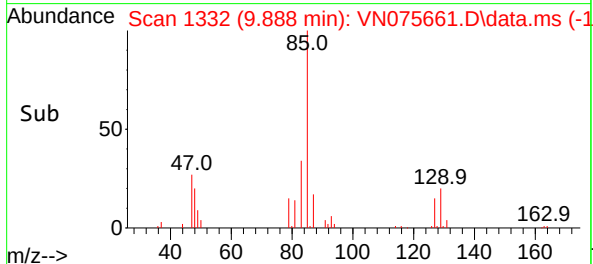
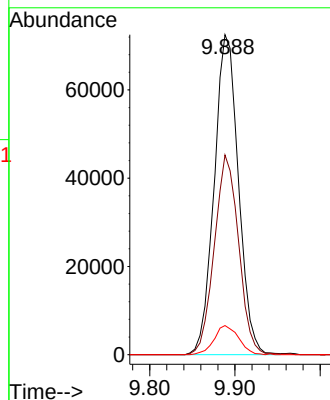
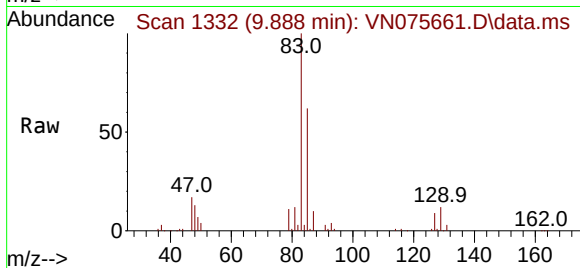
Tgt Ion: 83 Resp: 143352

Ion Ratio Lower Upper

83 100

85 62.4 48.0 72.0

127 9.1 7.4 11.2



#48

Methyl methacrylate

Concen: 71.251 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

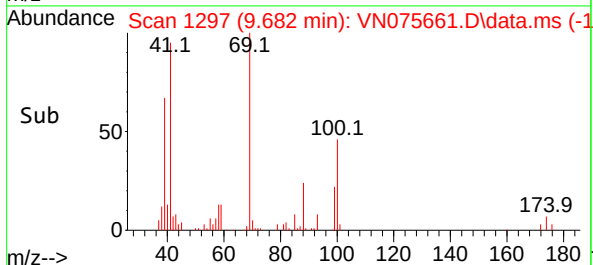
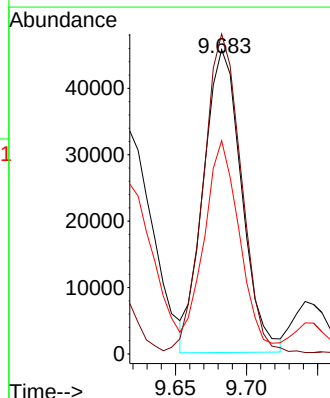
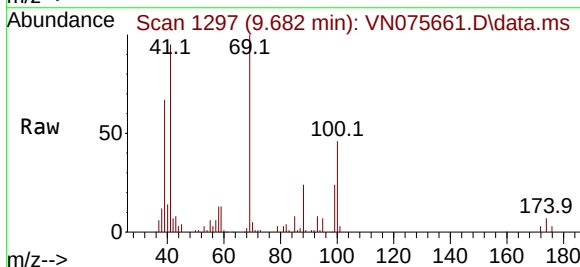
Tgt Ion: 41 Resp: 85296

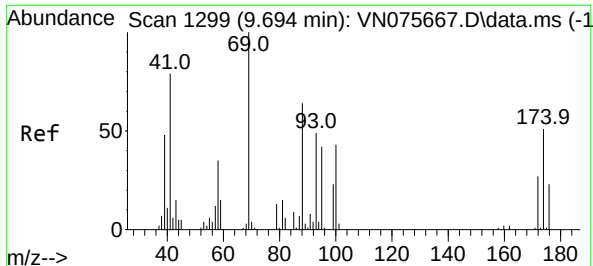
Ion Ratio Lower Upper

41 100

69 105.6 82.5 123.7

39 66.3 53.2 79.8





#49

1,4-Dioxane

Concen: 1448.963 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

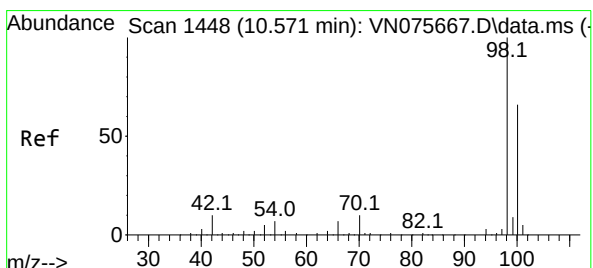
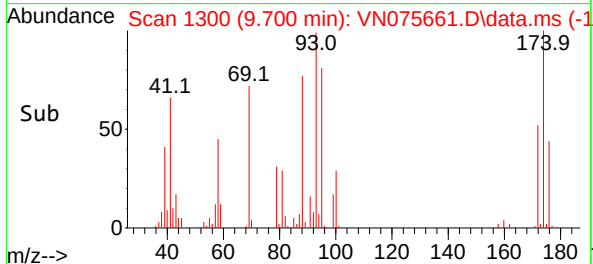
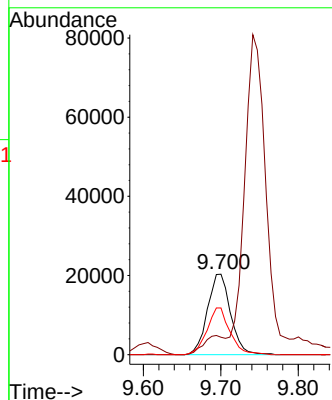
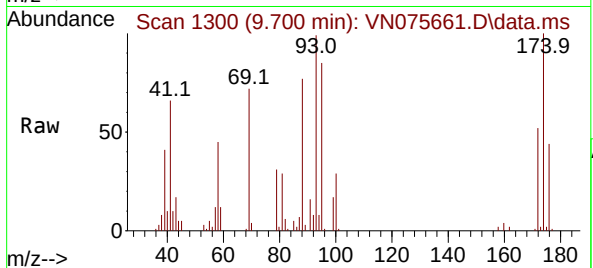
Tgt Ion: 88 Resp: 42165

Ion Ratio Lower Upper

88 100

43 22.2 17.4 26.0

58 57.7 46.8 70.2



#50

Toluene-d8

Concen: 20.294 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075661.D

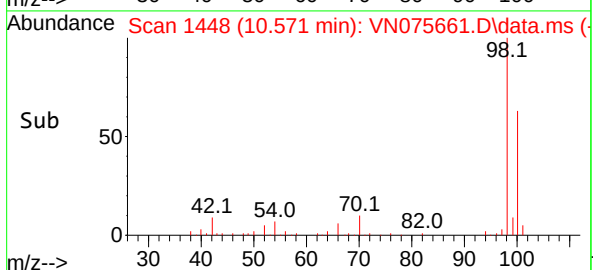
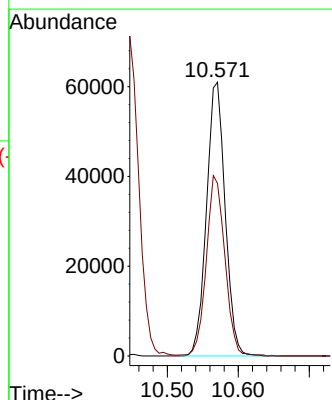
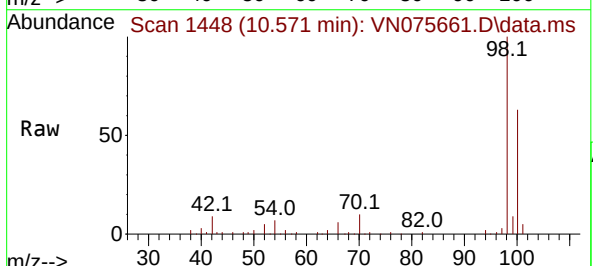
Acq: 09 Dec 2022 11:04

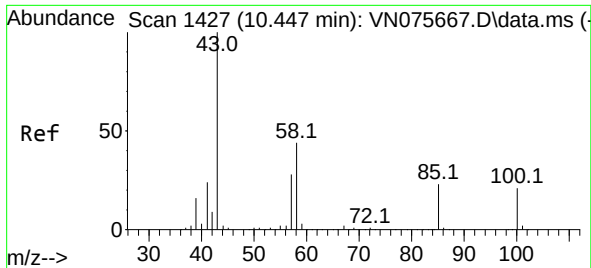
Tgt Ion: 98 Resp: 111303

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8

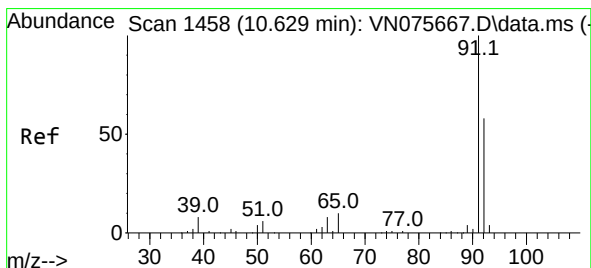
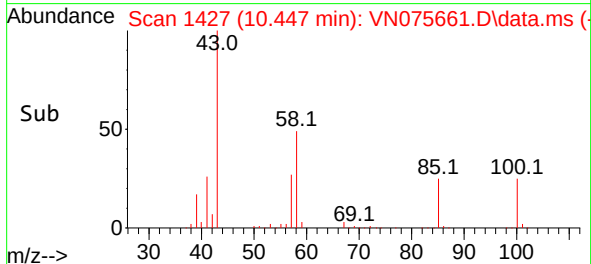
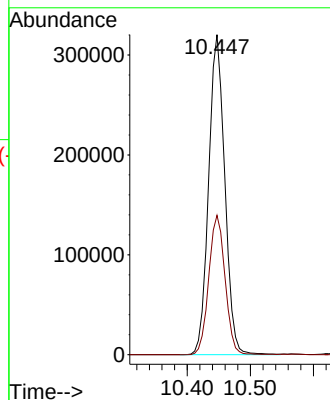
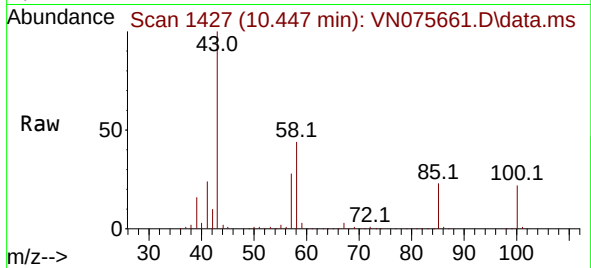




#51
4-Methyl-2-Pentanone
Concen: 354.858 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

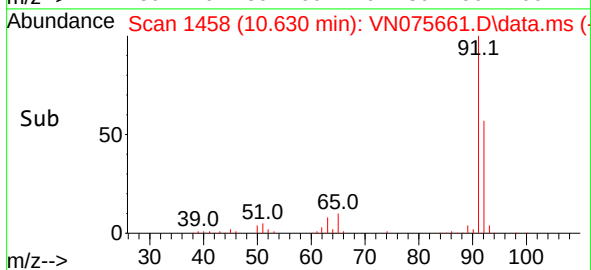
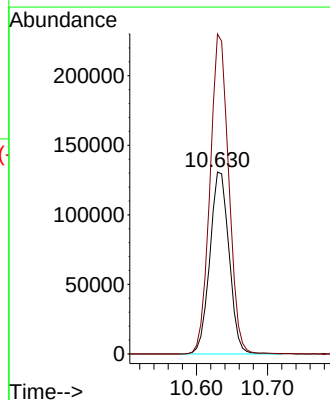
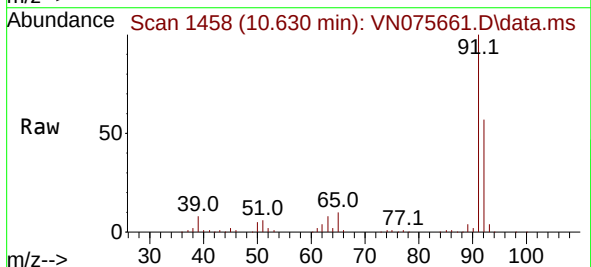
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

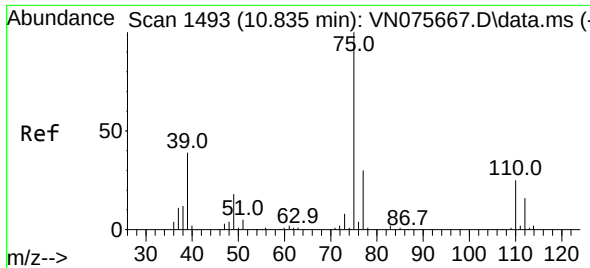
Tgt Ion: 43 Resp: 568746
Ion Ratio Lower Upper
43 100
58 44.1 35.0 52.6



#52
Toluene
Concen: 62.355 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 92 Resp: 245279
Ion Ratio Lower Upper
92 100
91 172.2 137.9 206.9

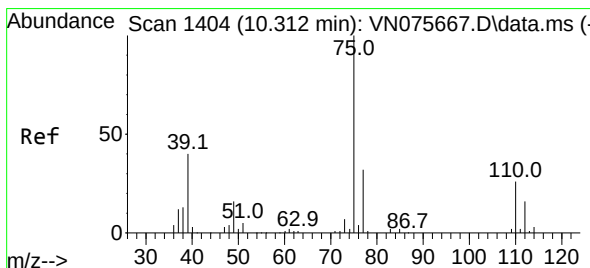
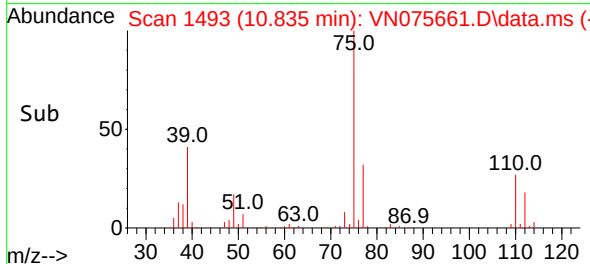
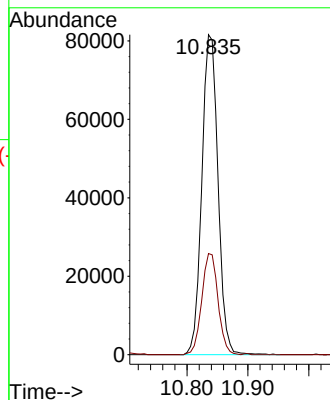
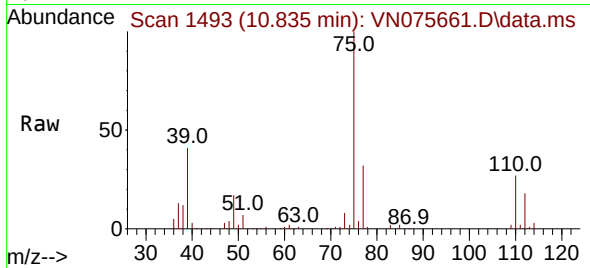




#53
 t-1,3-Dichloropropene
 Concen: 73.031 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

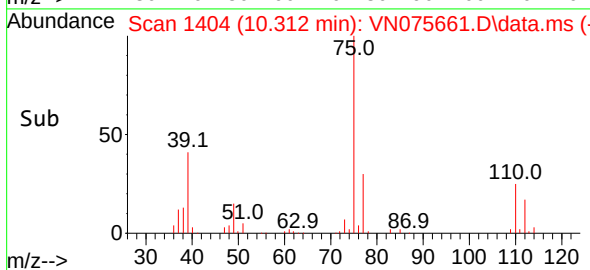
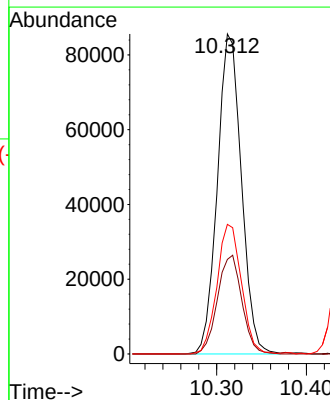
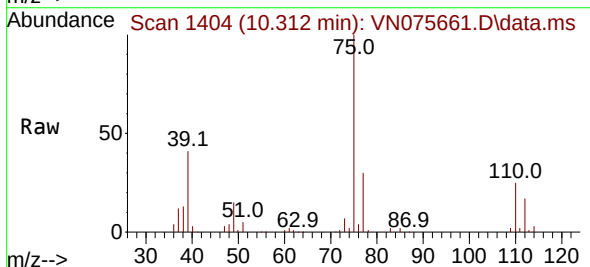
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

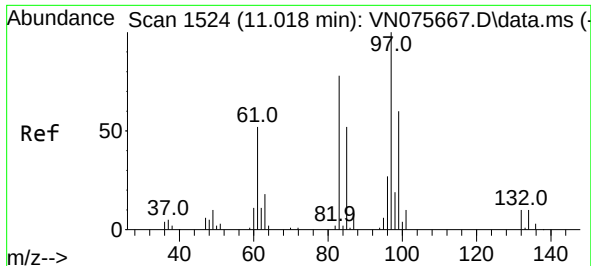
Tgt Ion: 75 Resp: 150282
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 69.426 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

Tgt Ion: 75 Resp: 158944
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.3 37.9
 39 40.5 32.0 48.0



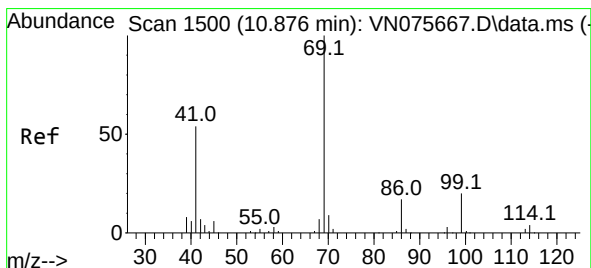
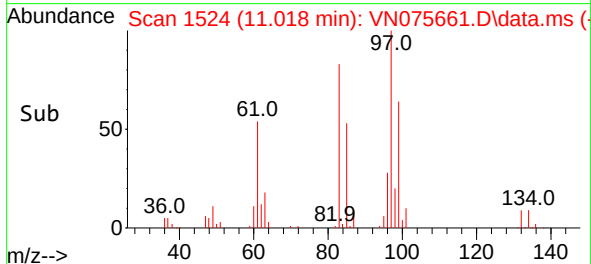
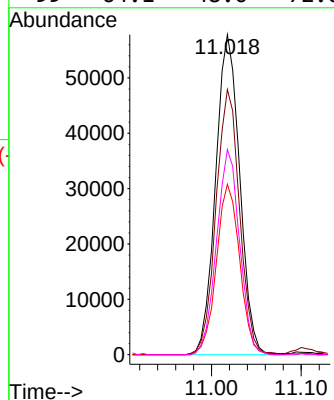
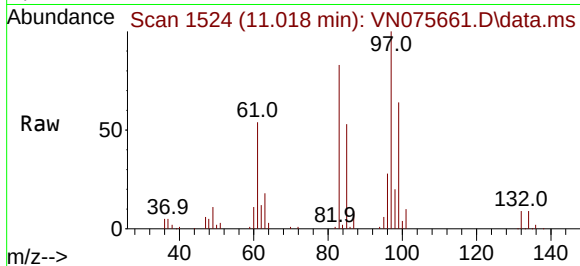


#55
 1,1,2-Trichloroethane
 Concen: 69.605 ug/l
 RT: 11.018 min Scan# 1100
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 107652

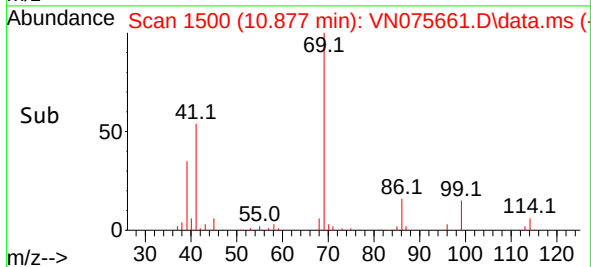
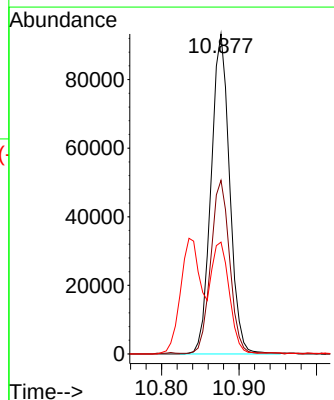
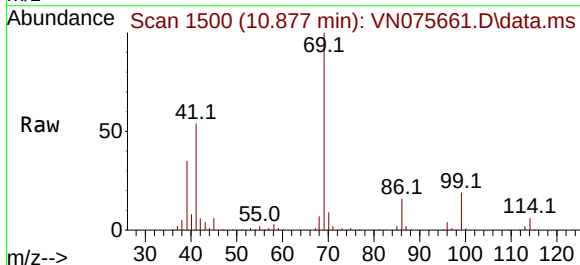
Ion	Ratio	Lower	Upper
97	100		
83	82.9	62.7	94.1
85	53.2	41.8	62.6
99	64.1	48.0	72.0

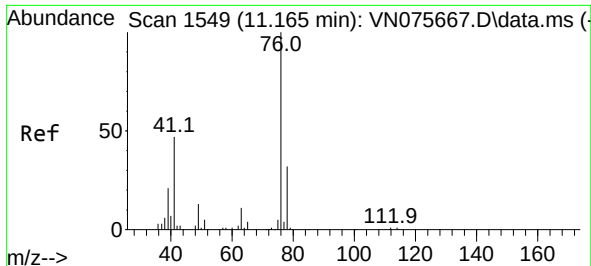


#56
 Ethyl methacrylate
 Concen: 73.955 ug/l
 RT: 10.877 min Scan# 1500
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

Tgt Ion: 69 Resp: 154984

Ion	Ratio	Lower	Upper
69	100		
41	54.7	44.1	66.1
39	32.7	27.7	41.5





#57

1,3-Dichloropropane

Concen: 68.767 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

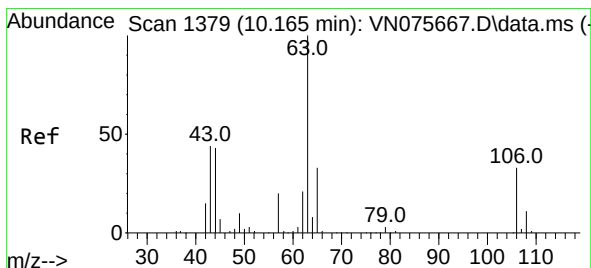
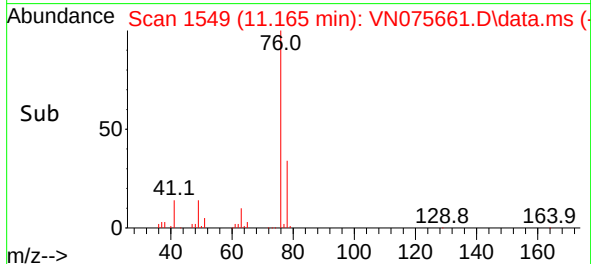
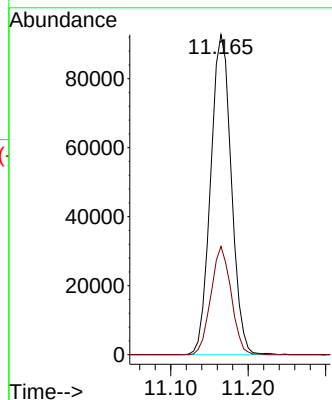
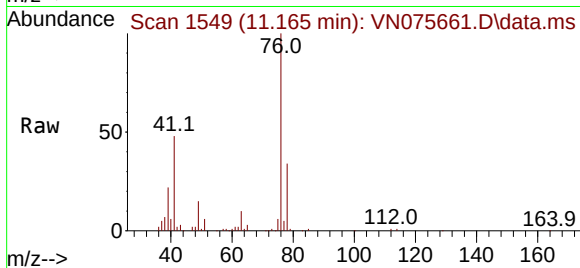
VSTDCCC050

Tgt Ion: 76 Resp: 171906

Ion Ratio Lower Upper

76 100

78 33.1 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 396.529 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075661.D

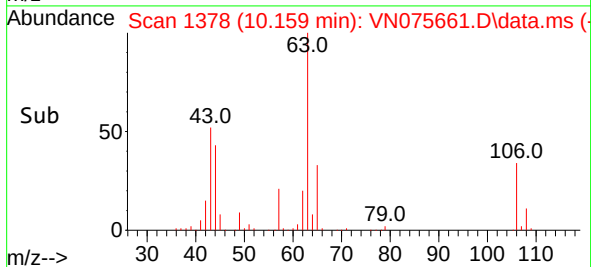
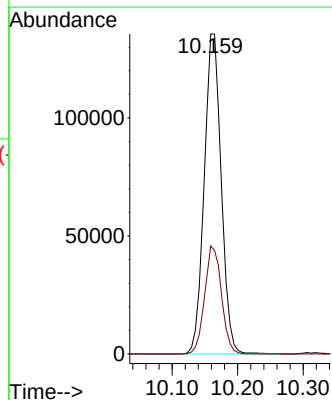
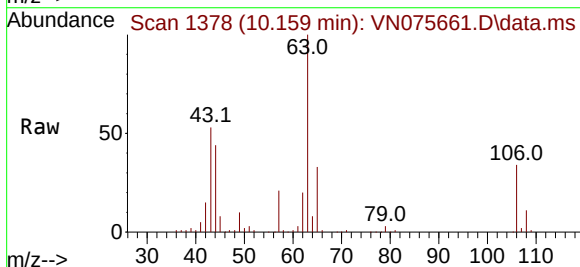
Acq: 09 Dec 2022 11:04

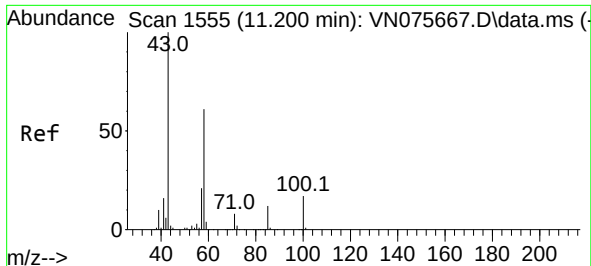
Tgt Ion: 63 Resp: 245357

Ion Ratio Lower Upper

63 100

106 33.3 26.6 40.0





#59

2-Hexanone

Concen: 366.801 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

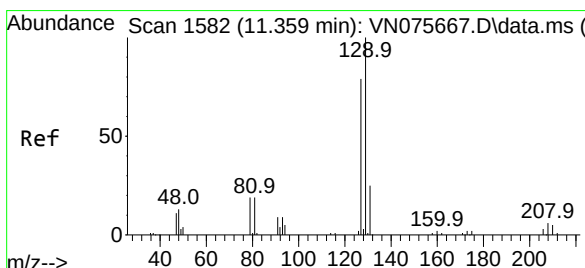
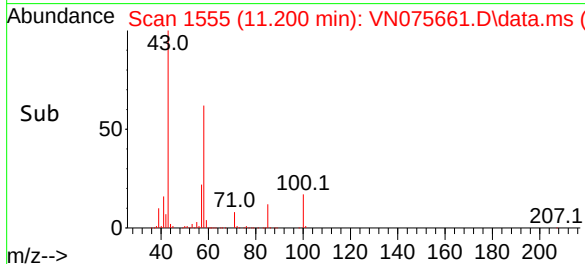
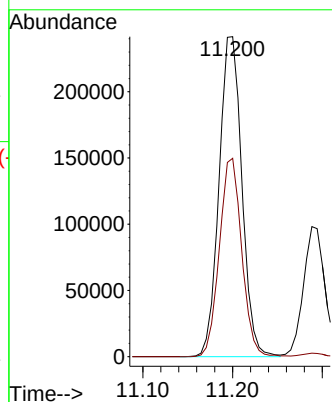
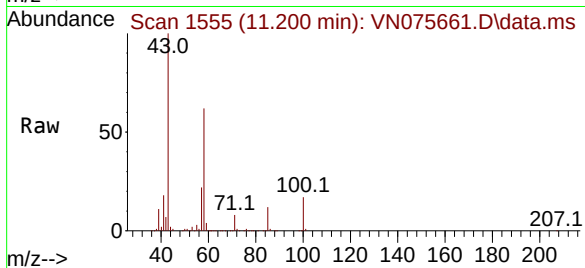
VSTDCCC050

Tgt Ion: 43 Resp: 427111

Ion Ratio Lower Upper

43 100

58 60.7 30.9 92.5



#60

Dibromochloromethane

Concen: 71.124 ug/l

RT: 11.359 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VN075661.D

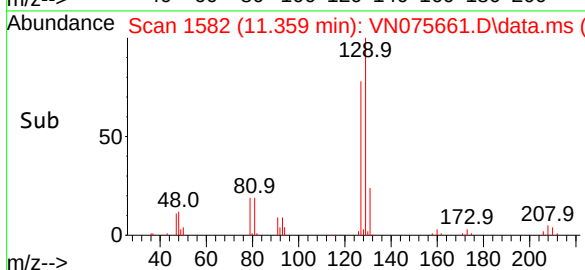
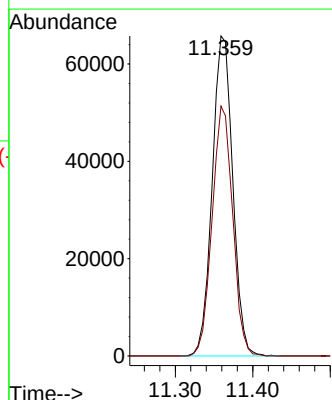
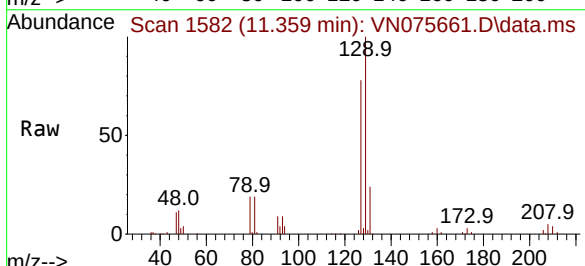
Acq: 09 Dec 2022 11:04

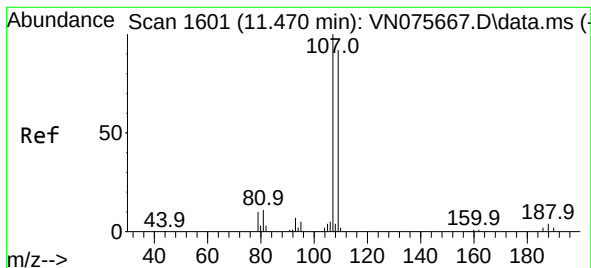
Tgt Ion:129 Resp: 121044

Ion Ratio Lower Upper

129 100

127 78.2 38.6 116.0

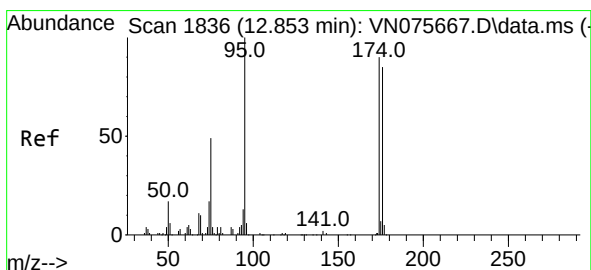
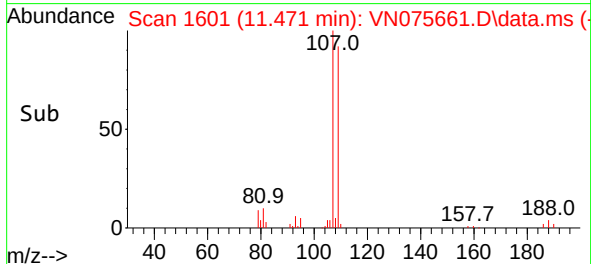
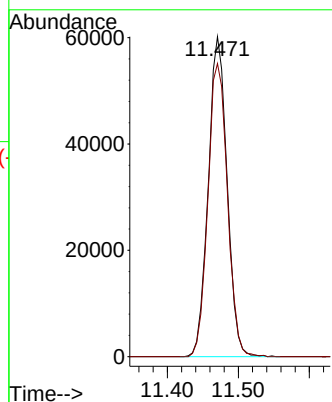
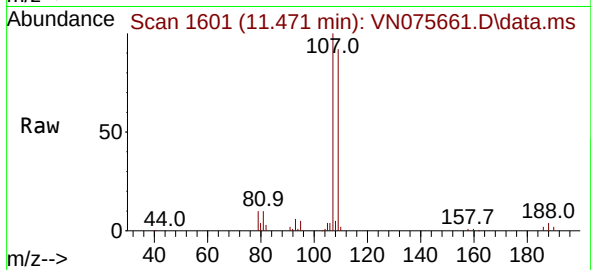




#61
1,2-Dibromoethane
Concen: 68.499 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

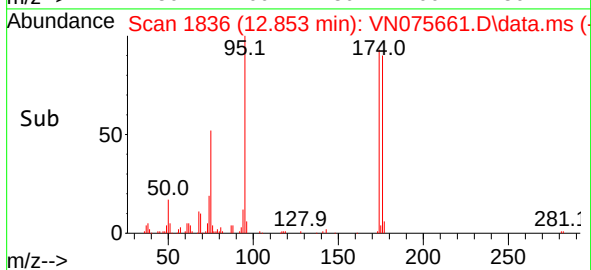
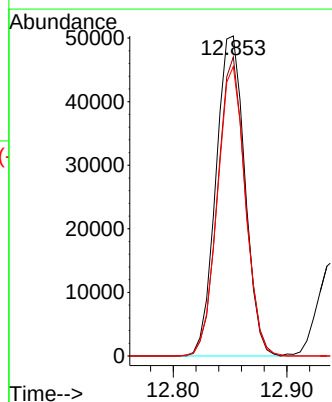
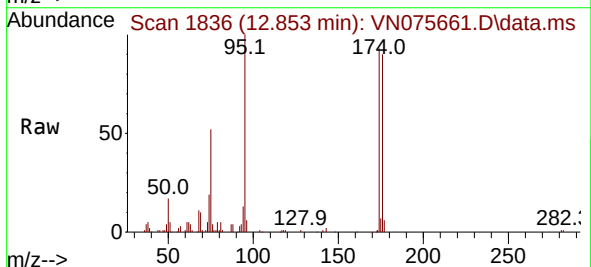
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

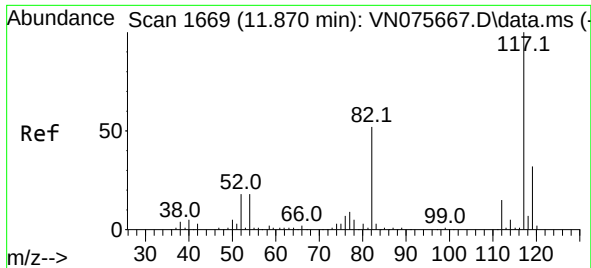
Tgt Ion:107 Resp: 110994
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.415 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 95 Resp: 88911
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.6
176 87.6 0.0 170.8

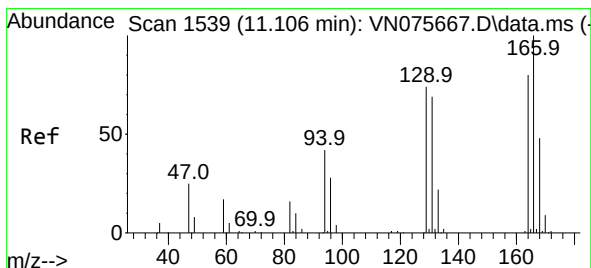
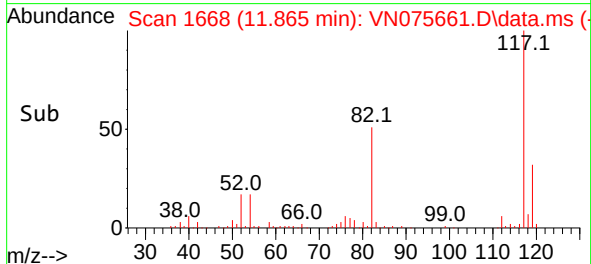
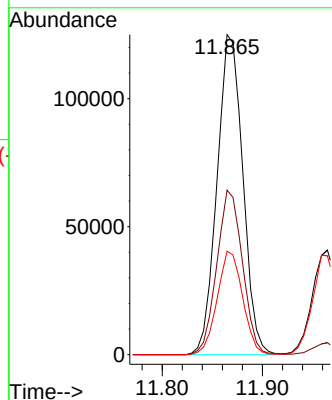
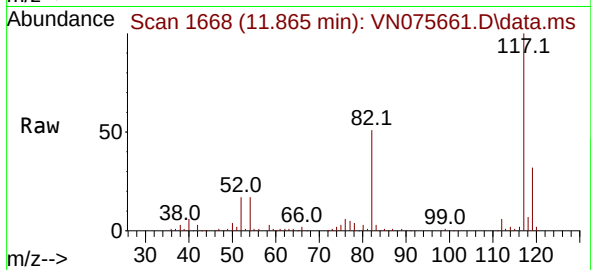




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

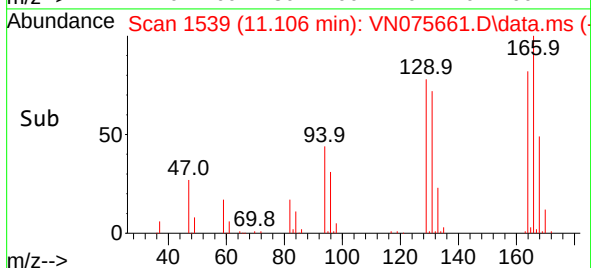
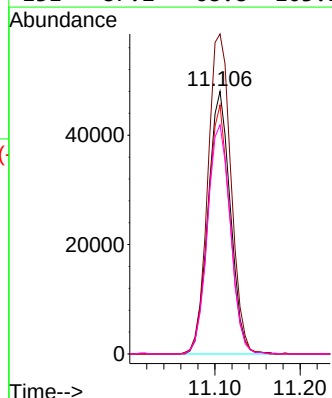
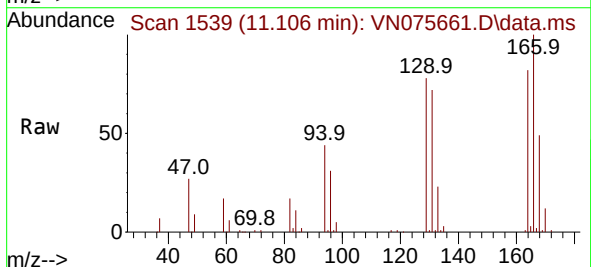
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

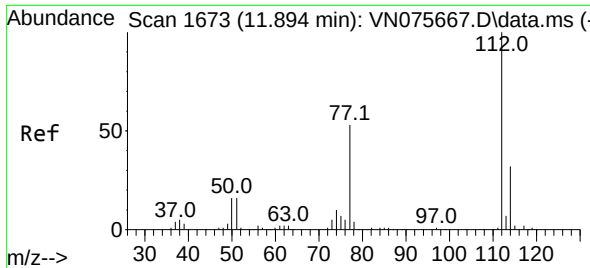
Tgt Ion:117 Resp: 223602
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 53.625 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:164 Resp: 87340
Ion Ratio Lower Upper
164 100
166 121.9 100.3 150.5
129 94.8 73.9 110.9
131 87.2 68.8 103.2

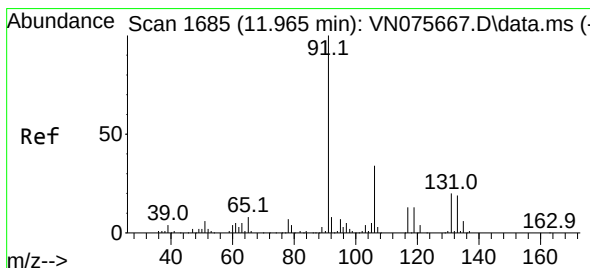
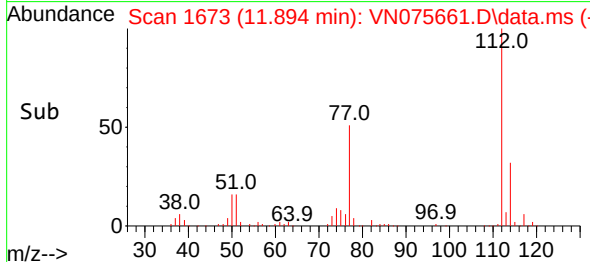
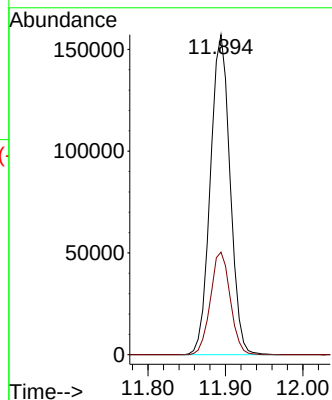
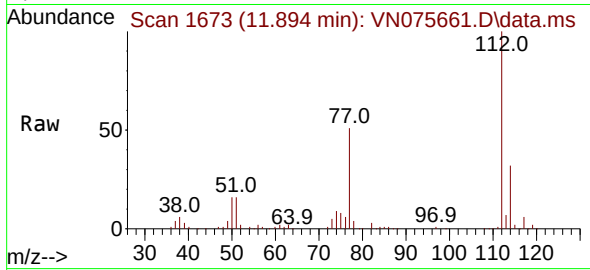




#65
Chlorobenzene
Concen: 60.306 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

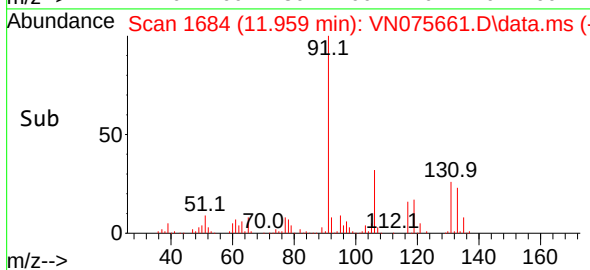
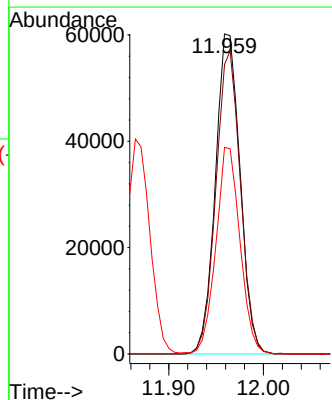
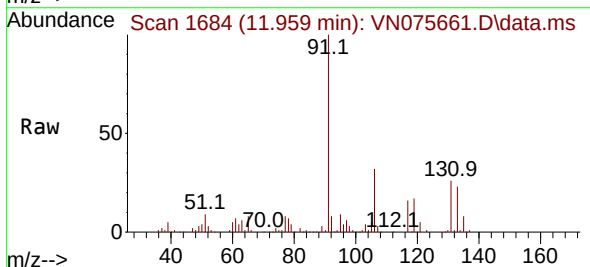
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

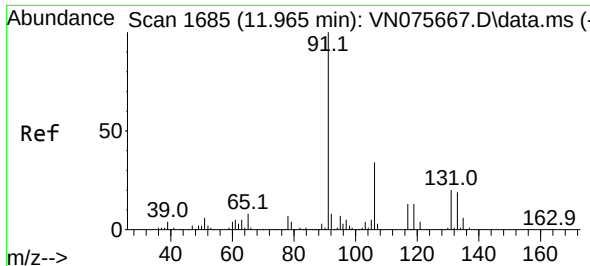
Tgt Ion:112 Resp: 277447
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 65.192 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:131 Resp: 109121
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.6
119 63.3 32.5 97.4

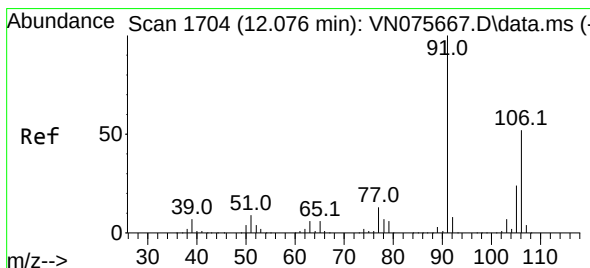
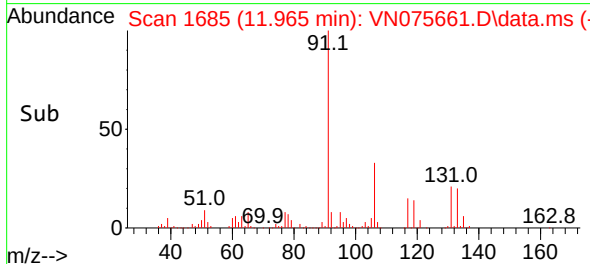
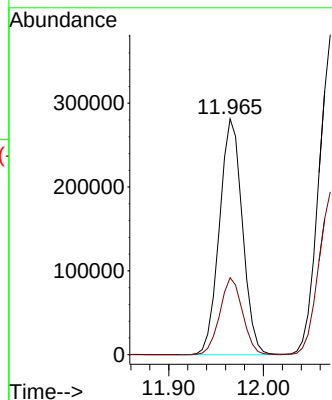
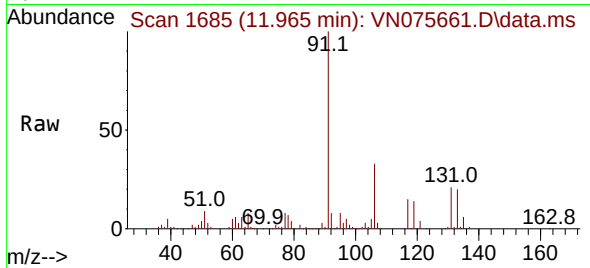




#67
Ethyl Benzene
Concen: 61.000 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

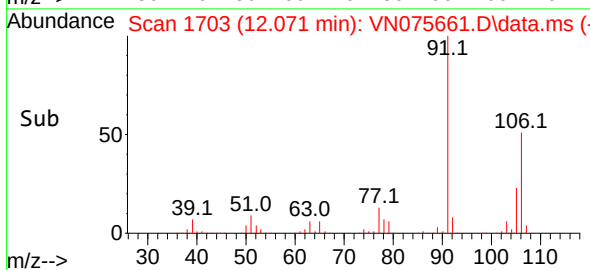
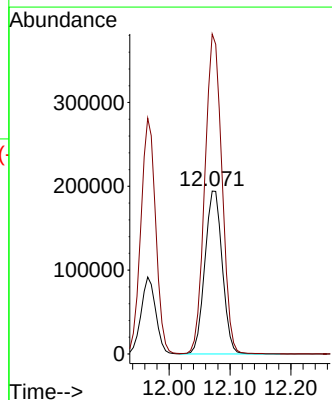
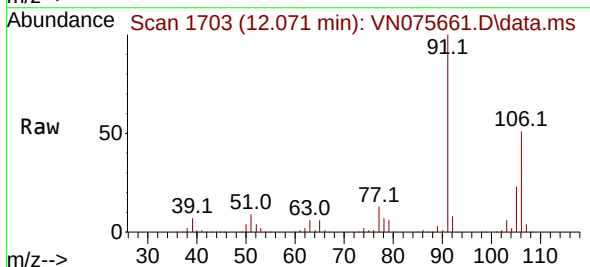
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

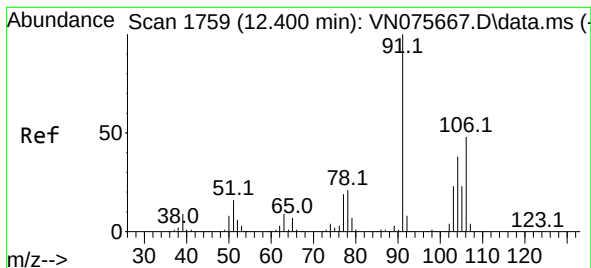
Tgt Ion: 91 Resp: 474759
Ion Ratio Lower Upper
91 100
106 32.6 26.9 40.3



#68
m/p-Xylenes
Concen: 122.926 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 106 Resp: 386576
Ion Ratio Lower Upper
106 100
91 192.3 156.2 234.4

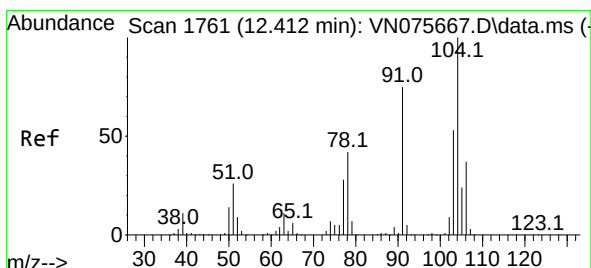
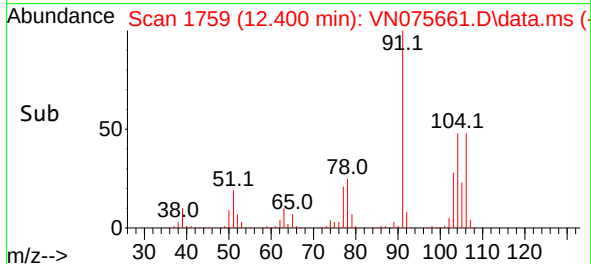
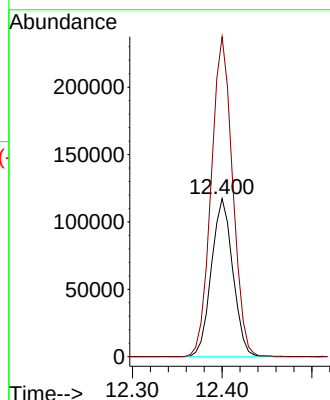
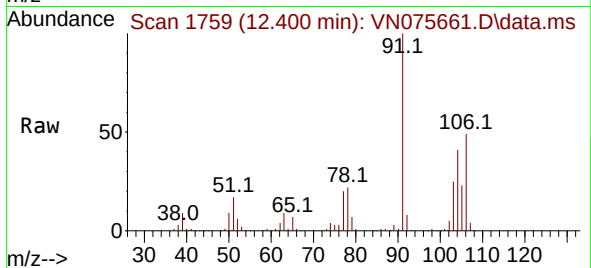




#69
o-Xylene
Concen: 63.726 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

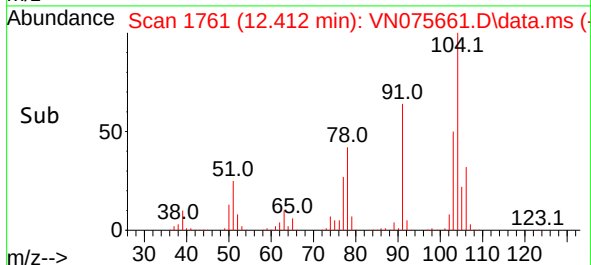
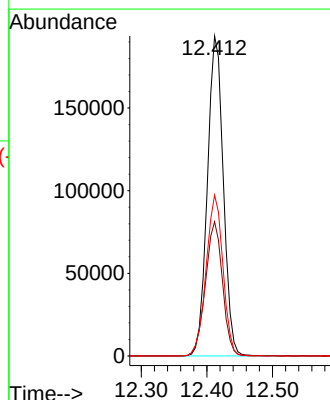
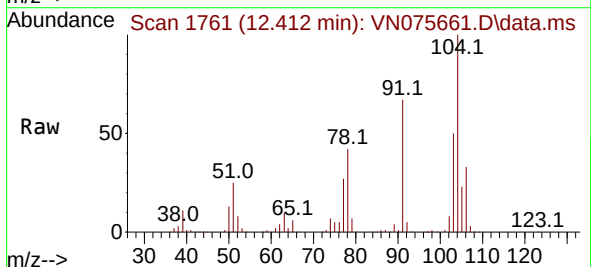
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

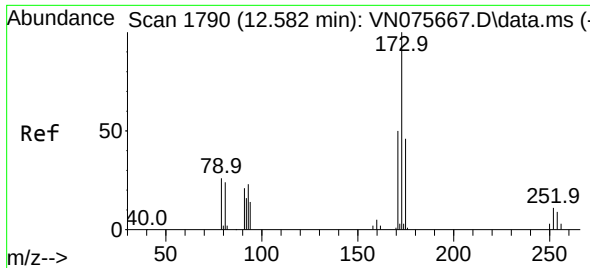
Tgt Ion:106 Resp: 194470
Ion Ratio Lower Upper
106 100
91 202.5 102.8 308.5



#70
Styrene
Concen: 66.965 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:104 Resp: 327756
Ion Ratio Lower Upper
104 100
78 44.7 36.7 55.1
103 53.0 44.0 66.0

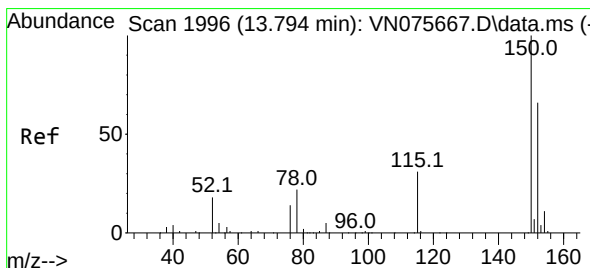
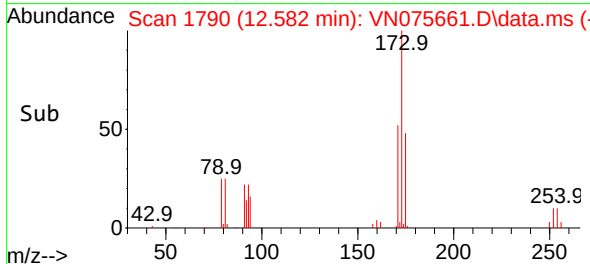
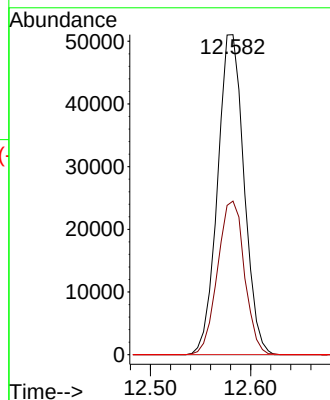
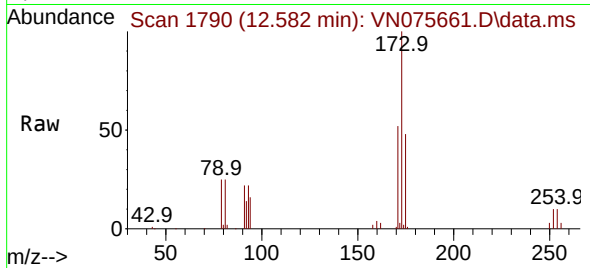




#71
Bromoform
Concen: 73.708 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

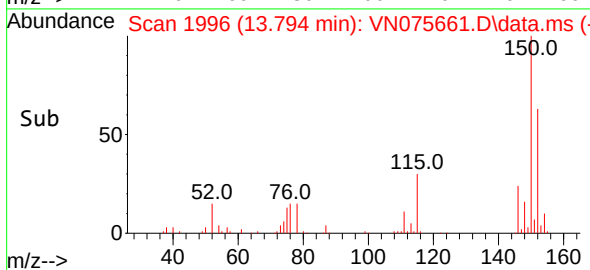
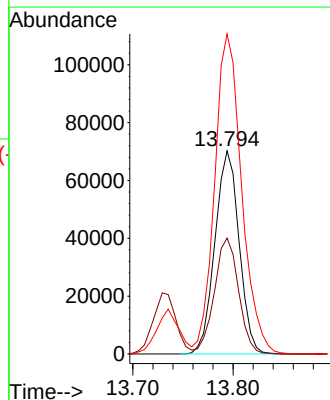
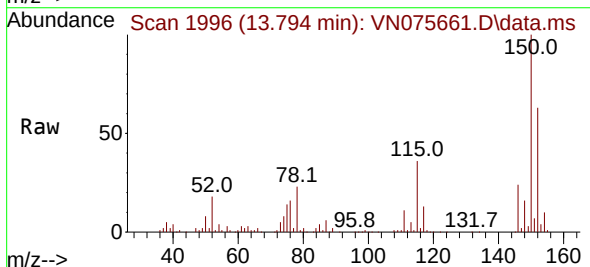
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

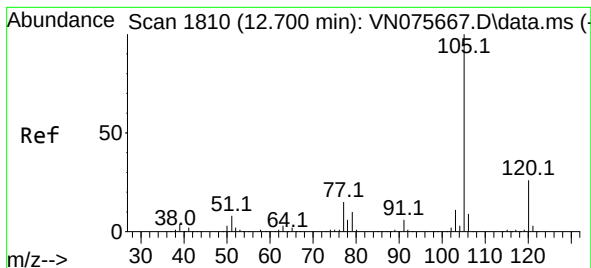
Tgt Ion:173 Resp: 93518
Ion Ratio Lower Upper
173 100
175 48.8 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:152 Resp: 117492
Ion Ratio Lower Upper
152 100
115 57.3 28.4 85.2
150 175.9 0.0 347.6





#73

Isopropylbenzene

Concen: 57.317 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

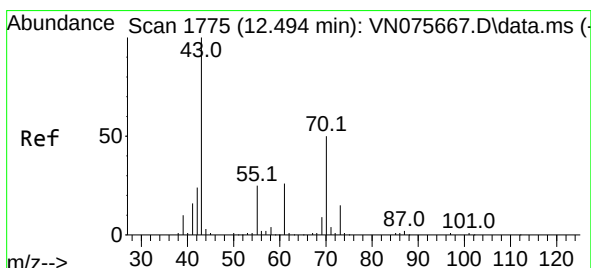
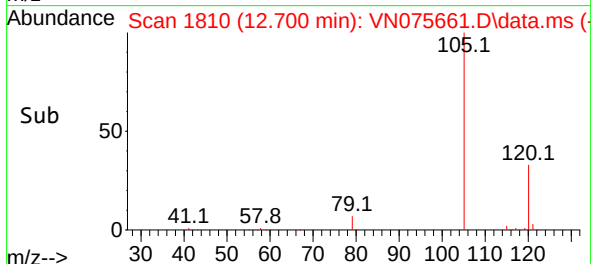
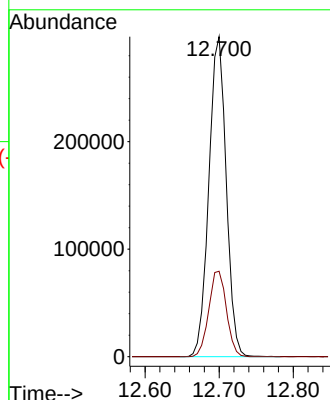
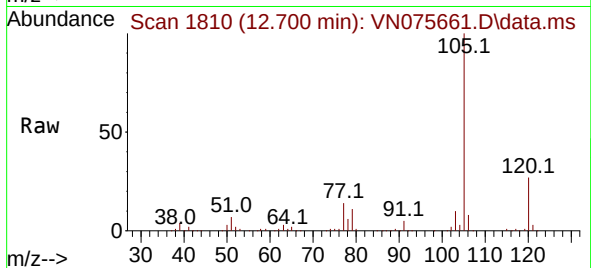
VSTDCCC050

Tgt Ion:105 Resp: 483537

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 68.962 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Tgt Ion: 43 Resp: 169038

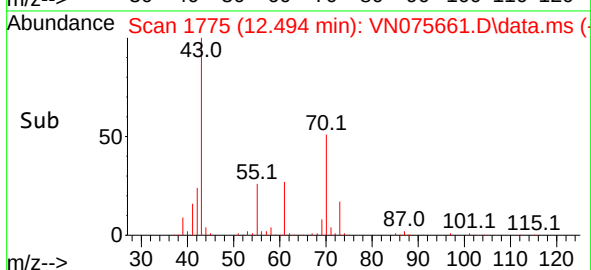
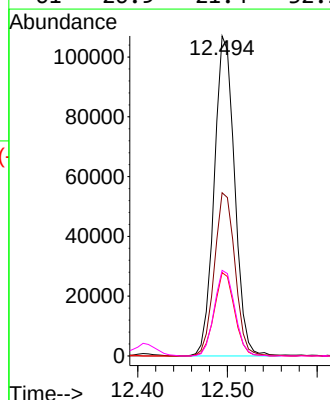
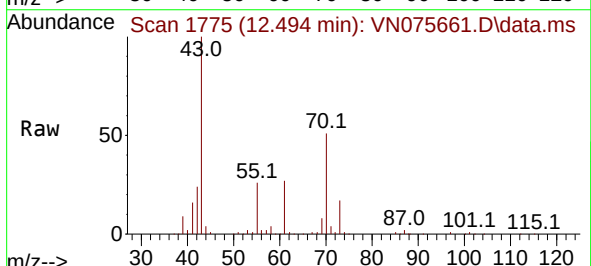
Ion Ratio Lower Upper

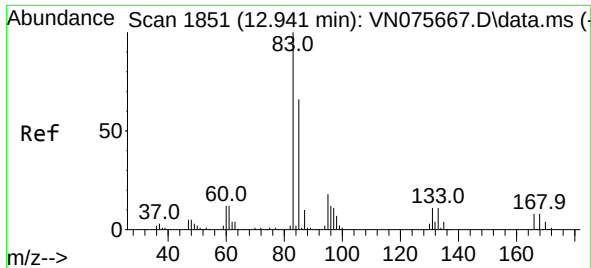
43 100

70 51.8 41.0 61.6

55 25.9 20.7 31.1

61 26.9 21.4 32.2

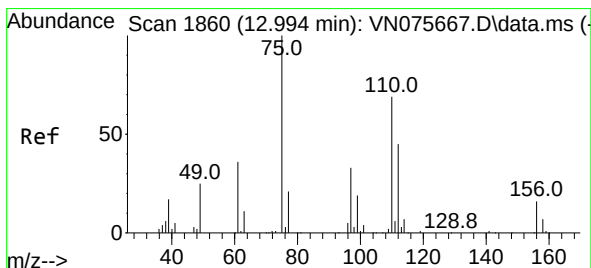
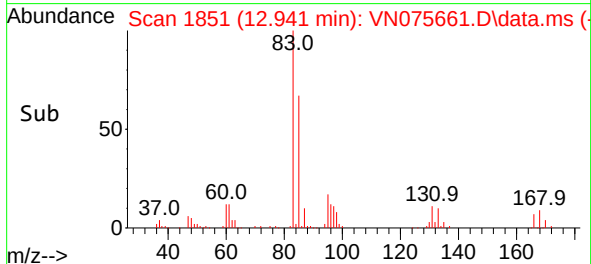
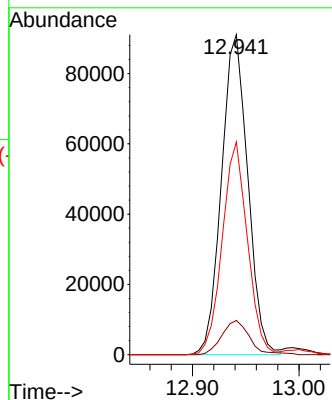
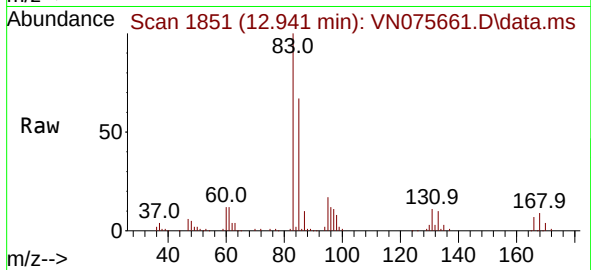




#75
 1,1,2,2-Tetrachloroethane
 Concen: 61.704 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

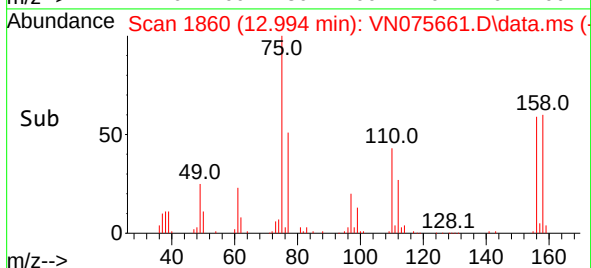
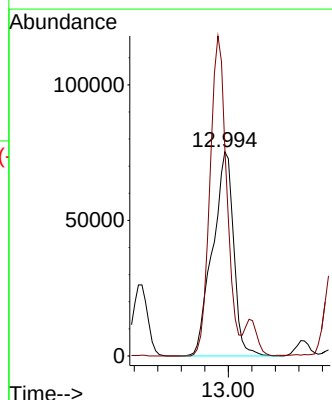
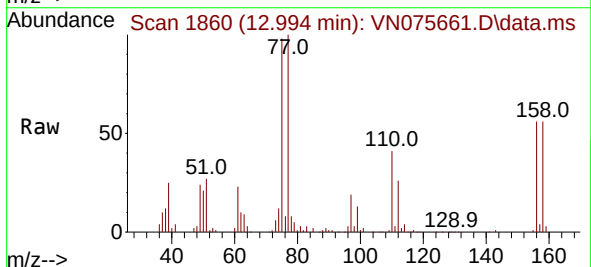
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

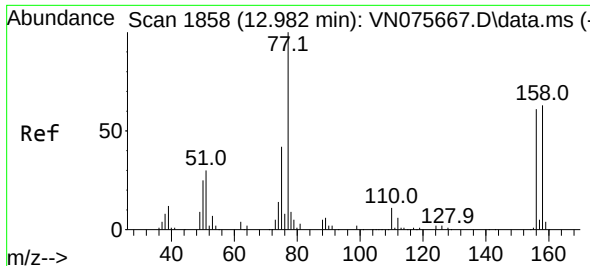
Tgt Ion: 83 Resp: 156368
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.6 16.8
 85 63.6 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 79.278 ug/l
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

Tgt Ion: 75 Resp: 187059
 Ion Ratio Lower Upper
 75 100
 77 125.1 81.8 245.4

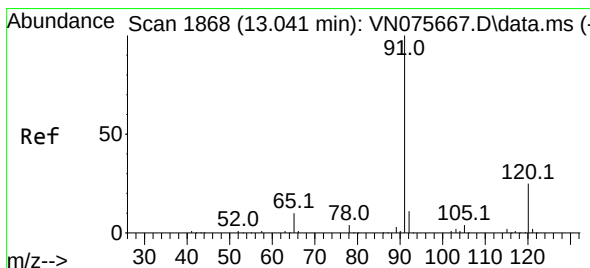
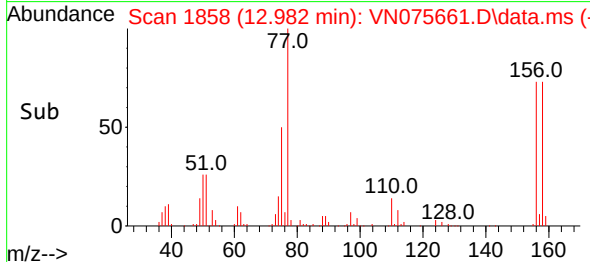
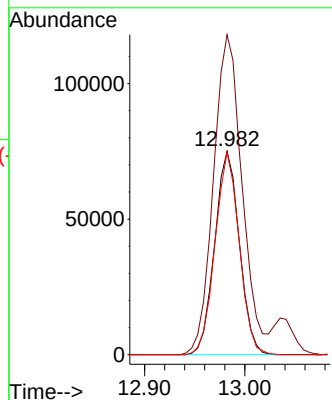
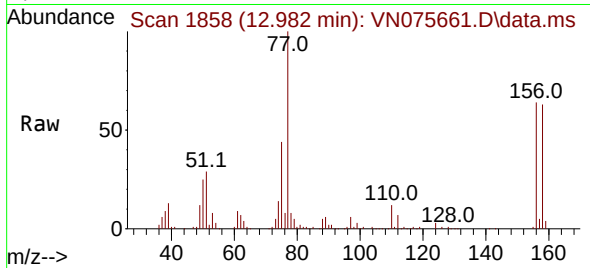




#77
Bromobenzene
Concen: 60.357 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

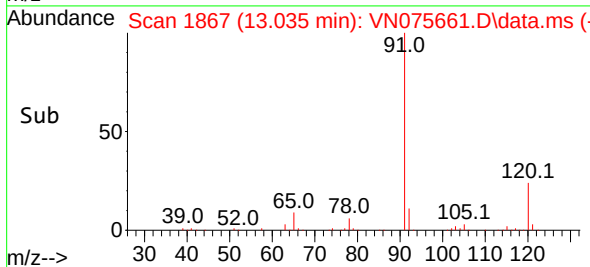
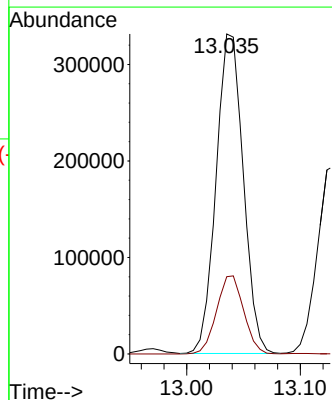
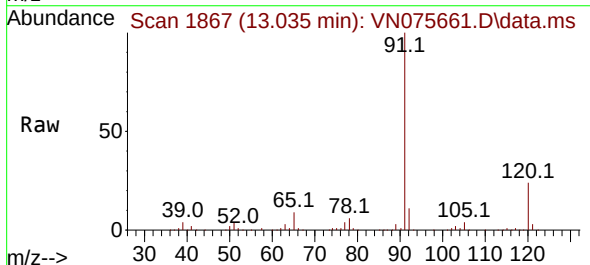
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

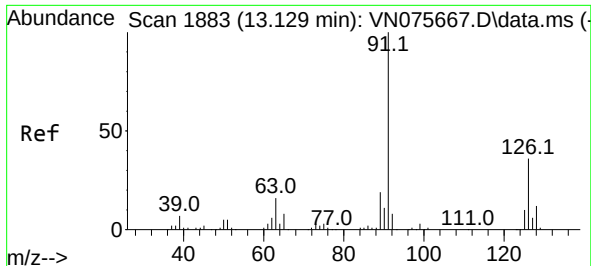
Tgt Ion:156 Resp: 128049
Ion Ratio Lower Upper
156 100
77 182.8 90.8 272.5
158 97.5 49.3 147.8



#78
n-propylbenzene
Concen: 58.822 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 91 Resp: 550645
Ion Ratio Lower Upper
91 100
120 24.4 12.1 36.3

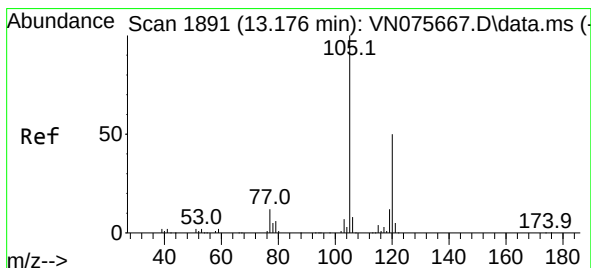
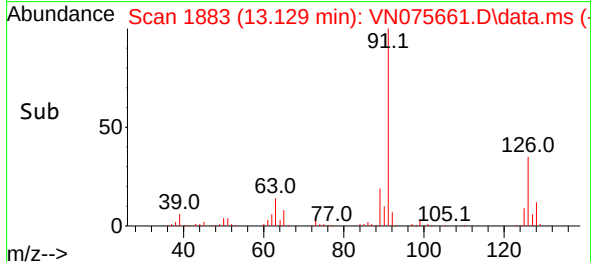
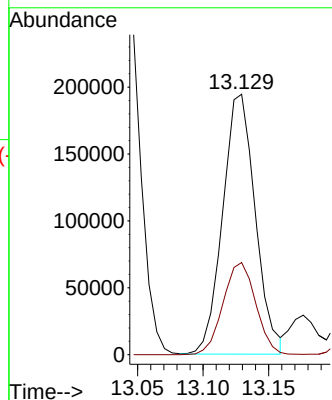
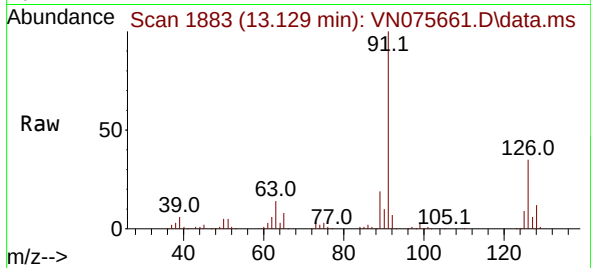




#79
2-Chlorotoluene
Concen: 58.222 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

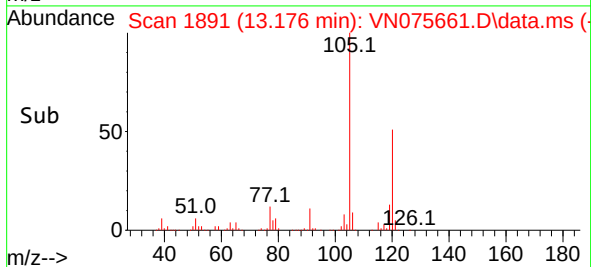
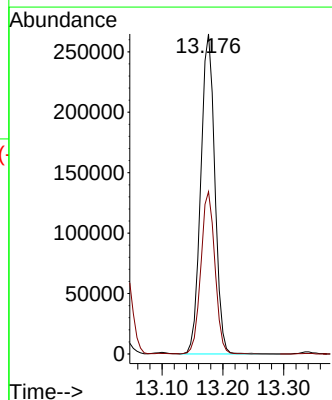
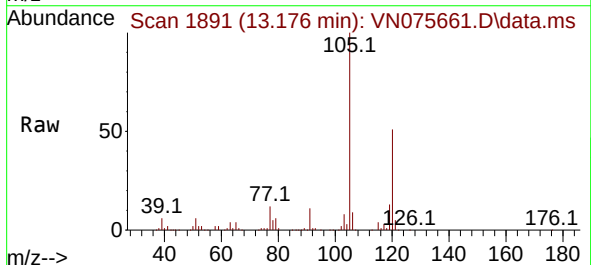
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

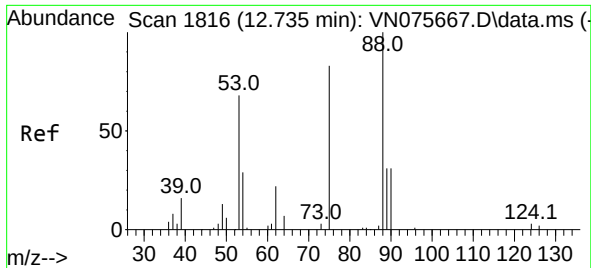
Tgt Ion: 91 Resp: 336485
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 60.095 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 105 Resp: 423851
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6

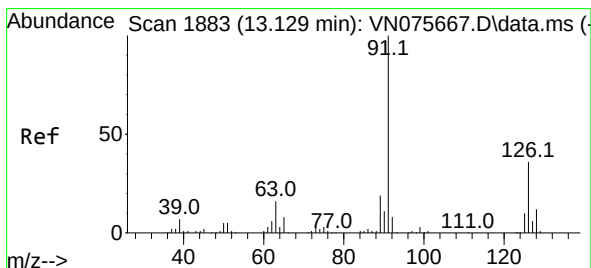
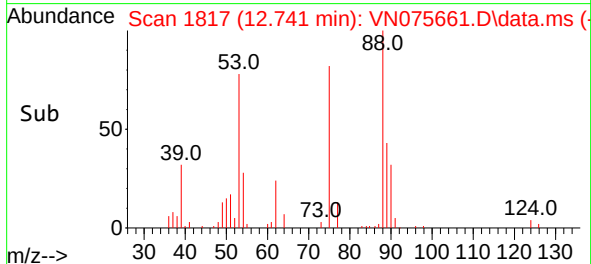
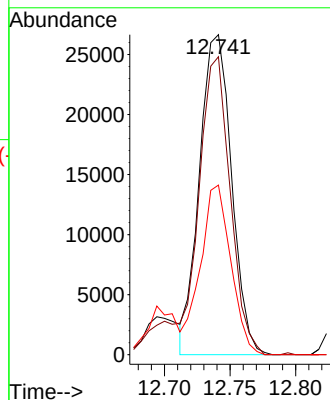
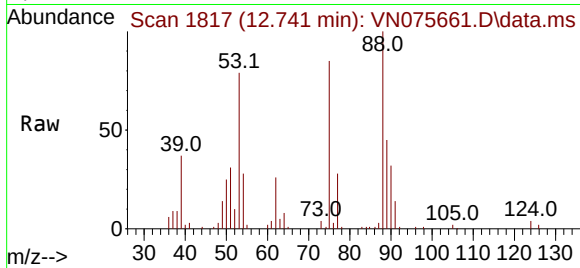




#81
trans-1,4-Dichloro-2-butene
Concen: 62.087 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

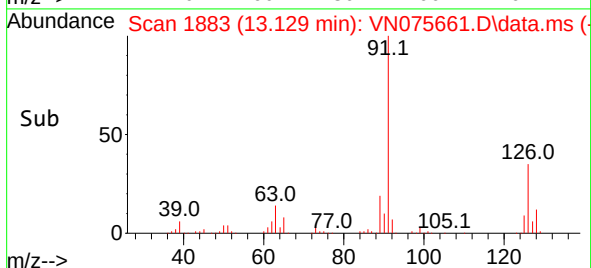
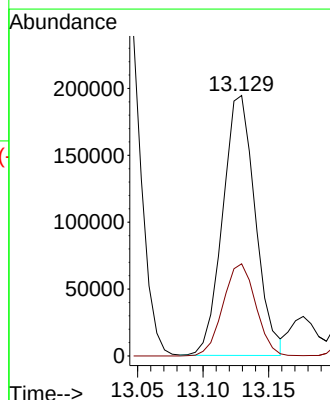
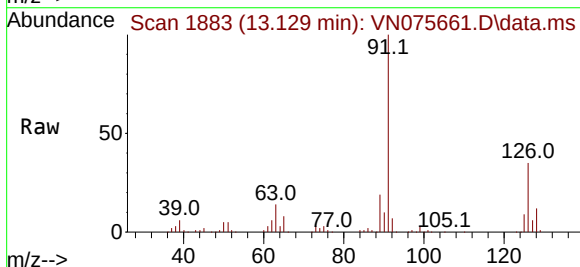
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

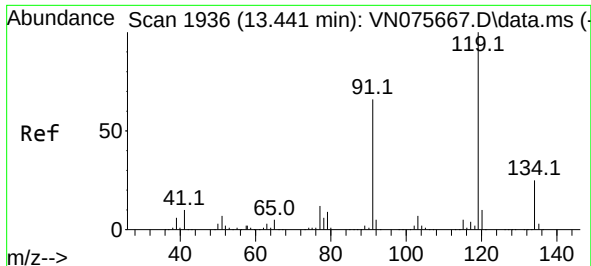
Tgt Ion: 75 Resp: 45461
Ion Ratio Lower Upper
75 100
53 100.2 72.4 108.6
89 50.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 58.222 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion: 91 Resp: 336485
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.4

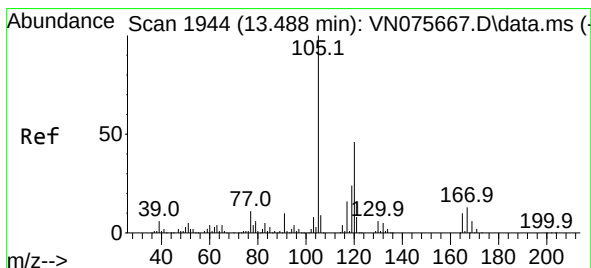
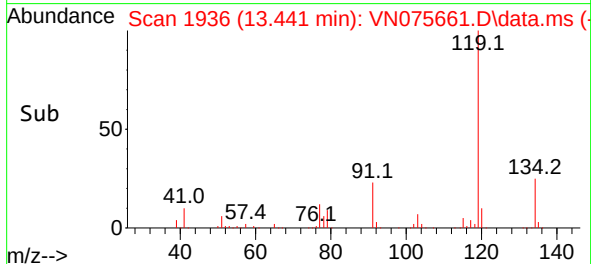
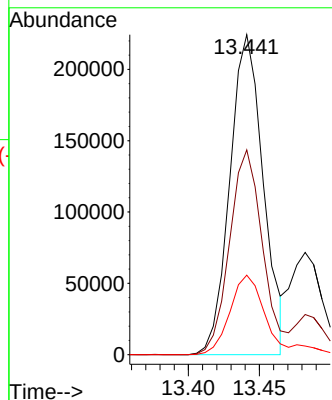
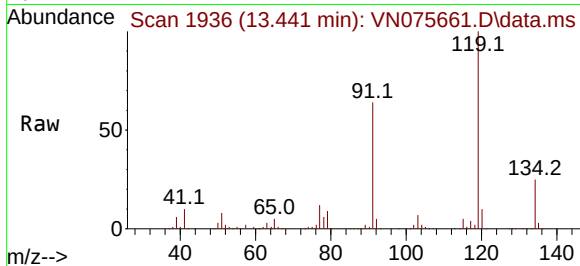




#83
tert-Butylbenzene
Concen: 57.593 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

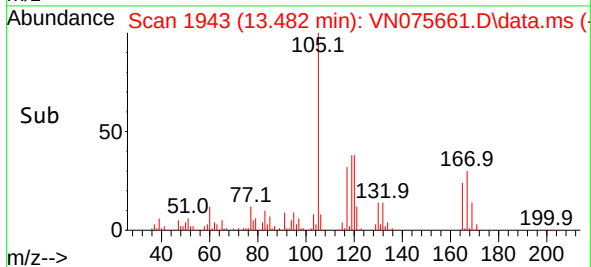
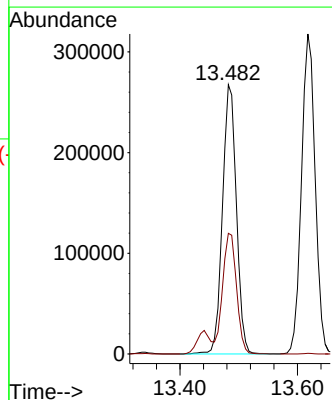
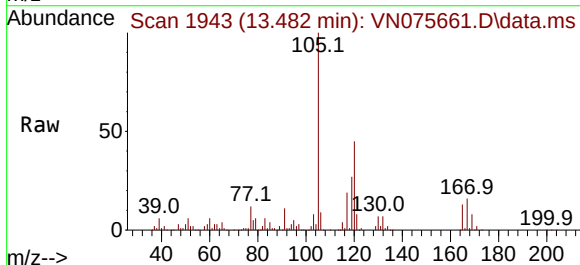
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

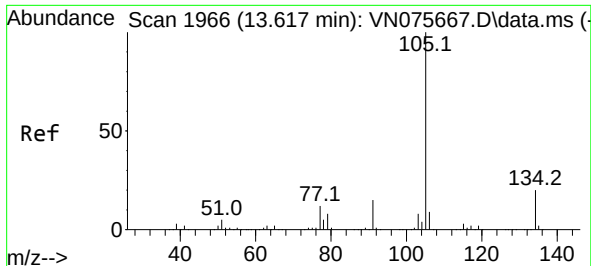
Tgt Ion:119 Resp: 368365
Ion Ratio Lower Upper
119 100
91 63.7 31.9 95.9
134 27.5 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 61.828 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:105 Resp: 438284
Ion Ratio Lower Upper
105 100
120 44.6 23.1 69.2

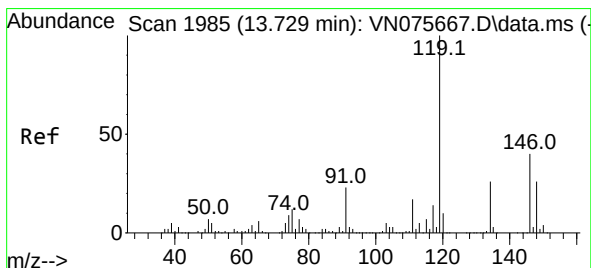
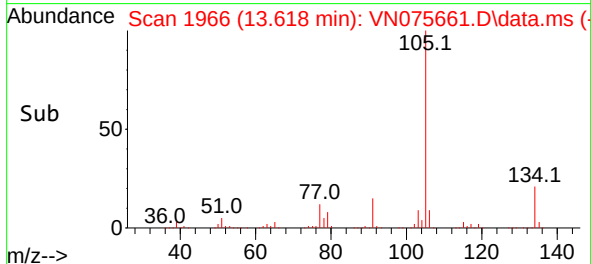
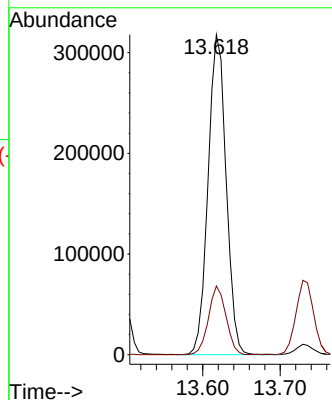
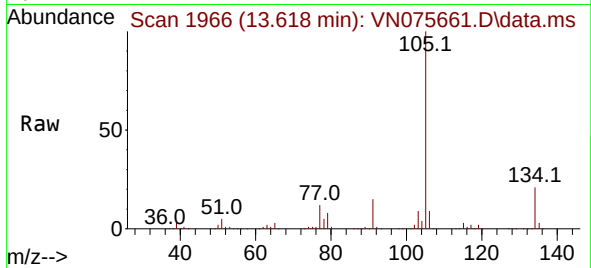




#85
 sec-Butylbenzene
 Concen: 58.431 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

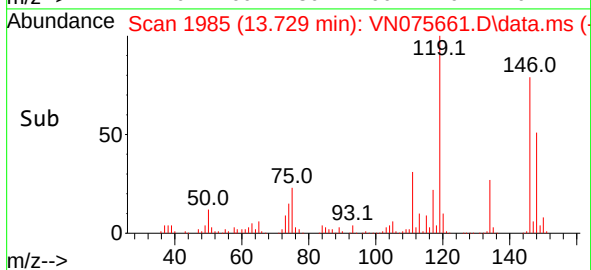
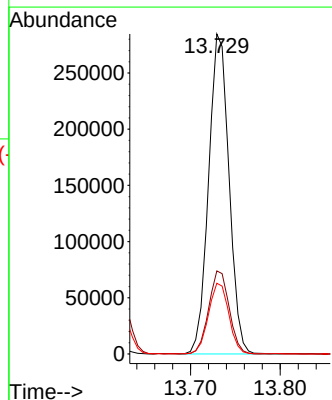
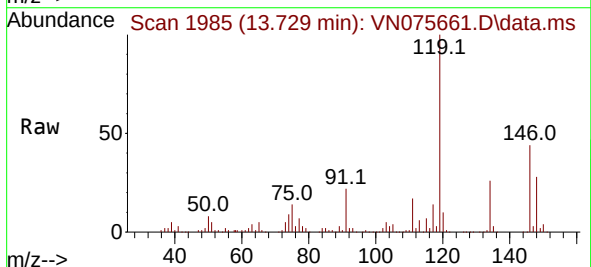
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

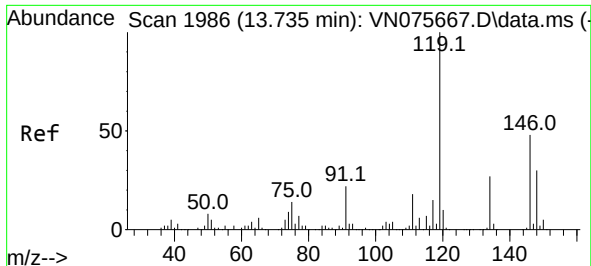
Tgt Ion:105 Resp: 513777
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 61.128 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075661.D
 Acq: 09 Dec 2022 11:04

Tgt Ion:119 Resp: 449733
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 22.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 59.956 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

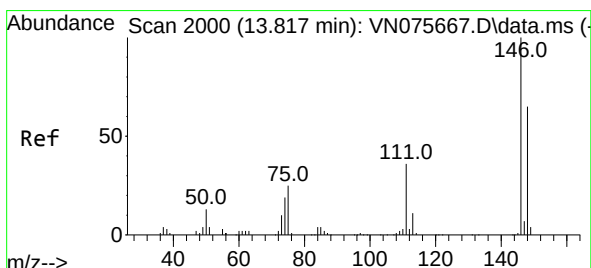
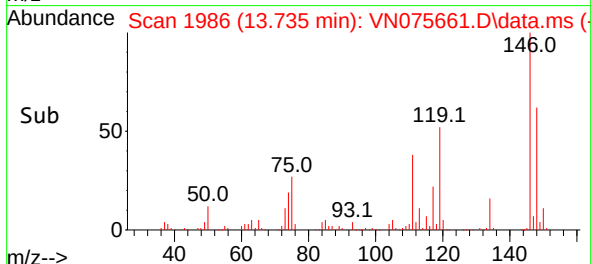
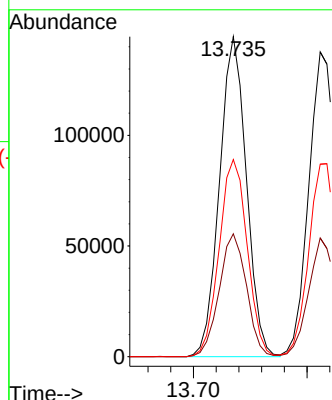
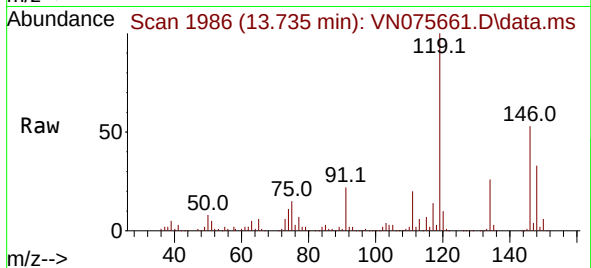
Tgt Ion:146 Resp: 237878

Ion Ratio Lower Upper

146 100

111 38.9 19.8 59.3

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 58.059 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

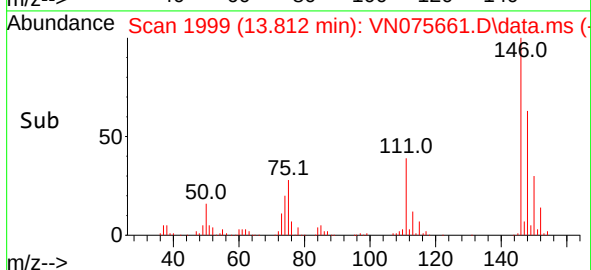
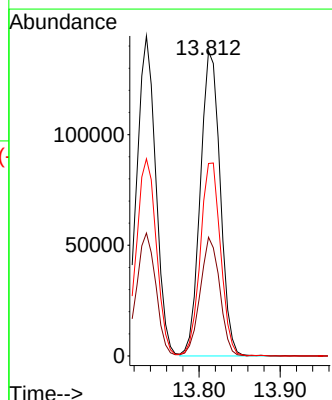
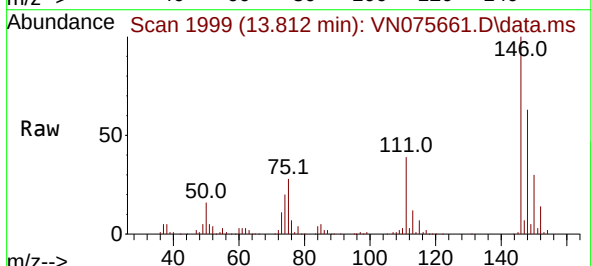
Tgt Ion:146 Resp: 234307

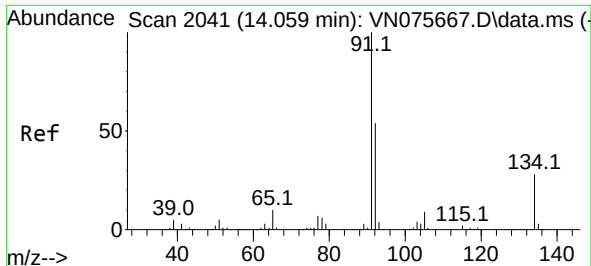
Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.1

148 64.6 32.1 96.3





#89

n-Butylbenzene

Concen: 60.884 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

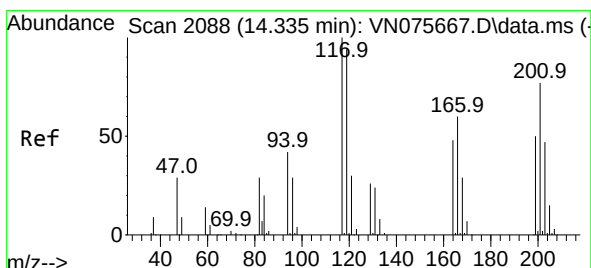
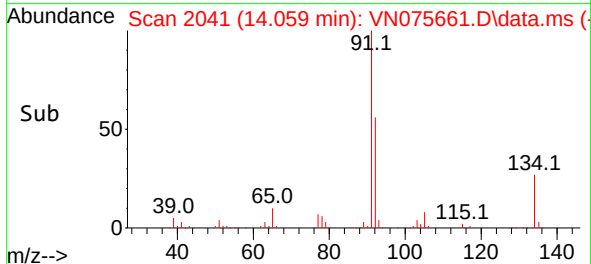
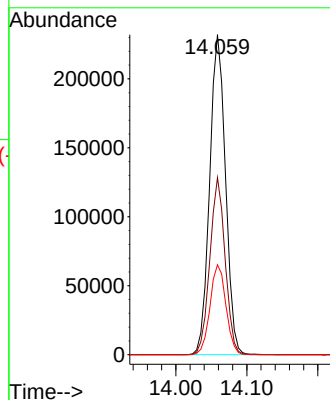
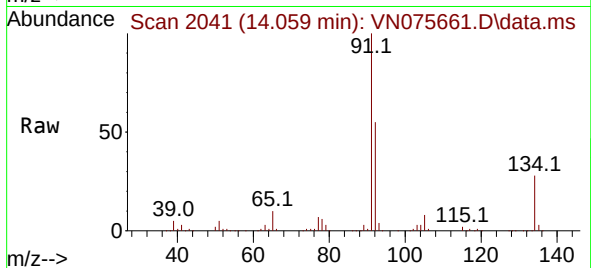
Tgt Ion: 91 Resp: 359025

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.1

134 28.2 13.9 41.7



#90

Hexachloroethane

Concen: 61.121 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075661.D

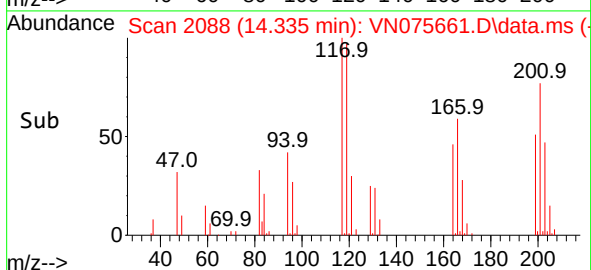
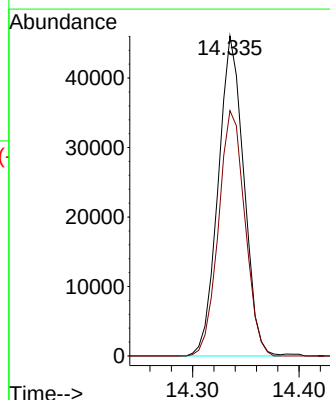
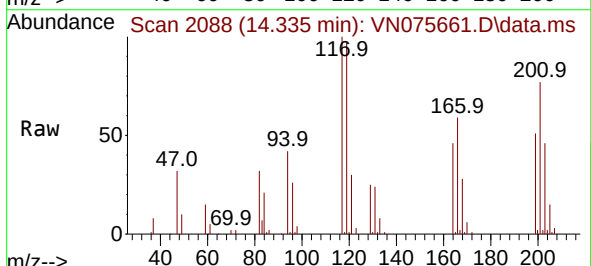
Acq: 09 Dec 2022 11:04

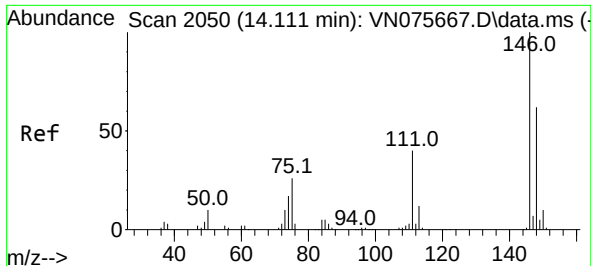
Tgt Ion: 117 Resp: 77025

Ion Ratio Lower Upper

117 100

201 78.8 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 59.994 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

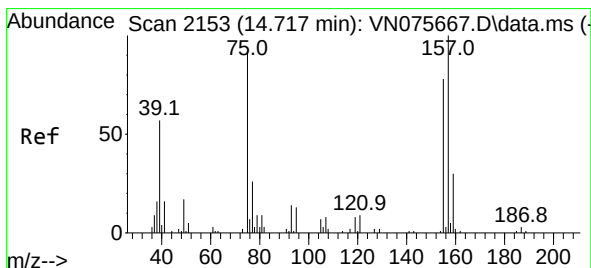
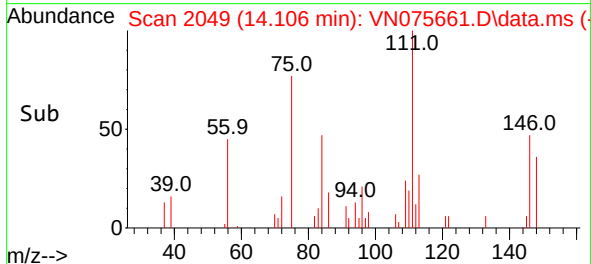
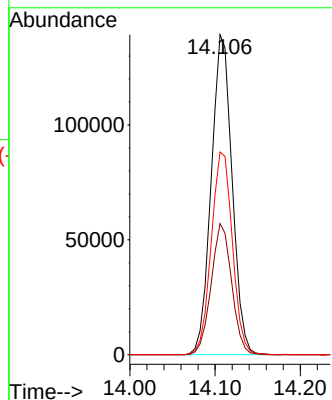
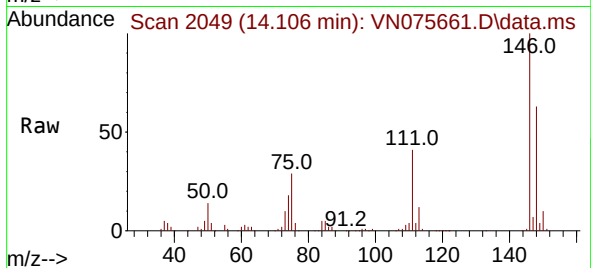
Tgt Ion:146 Resp: 236859

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.3

148 64.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 66.202 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075661.D

Acq: 09 Dec 2022 11:04

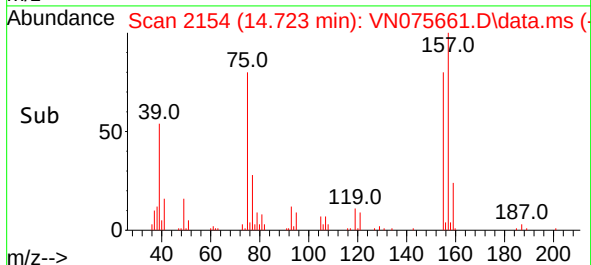
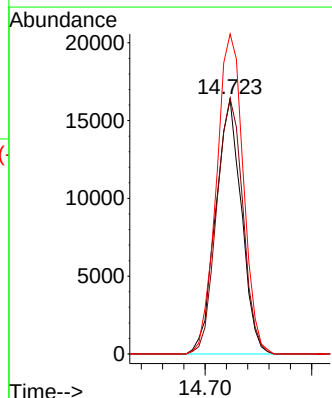
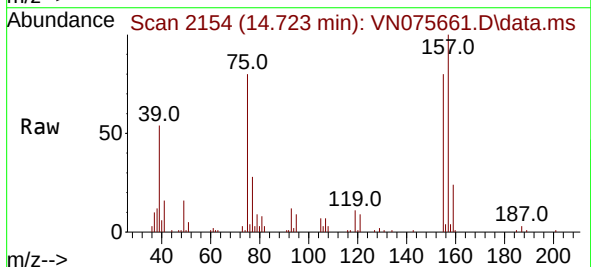
Tgt Ion: 75 Resp: 27568

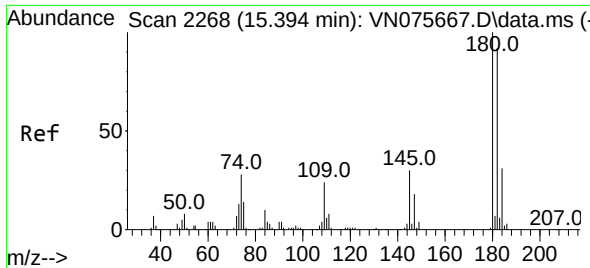
Ion Ratio Lower Upper

75 100

155 102.0 48.4 145.2

157 130.2 63.5 190.6

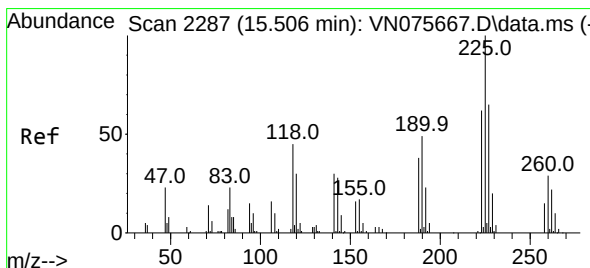
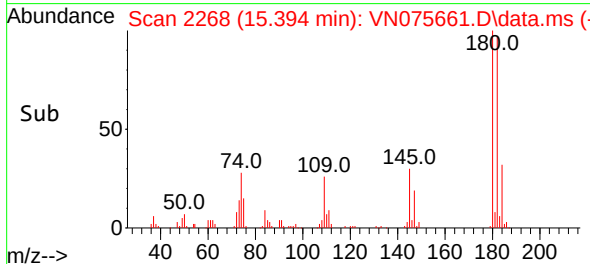
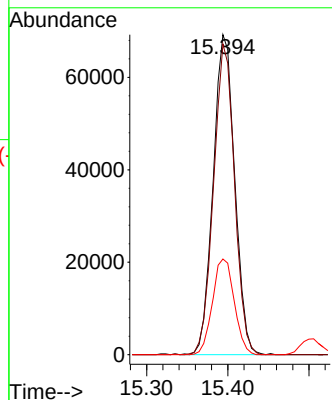
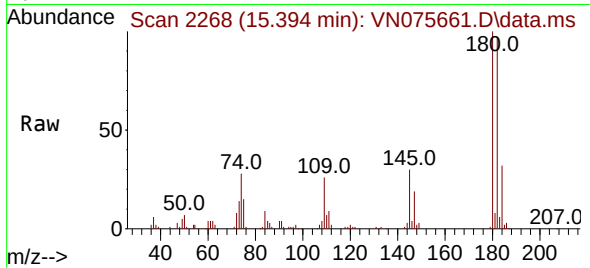




#93
1,2,4-Trichlorobenzene
Concen: 67.345 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

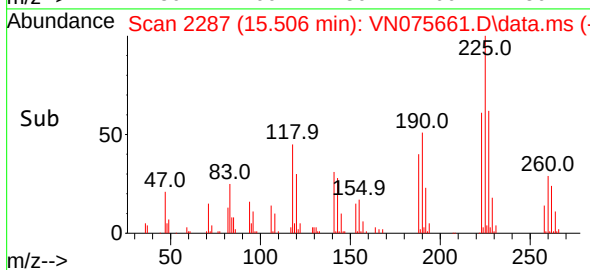
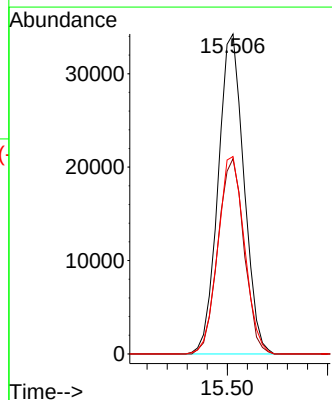
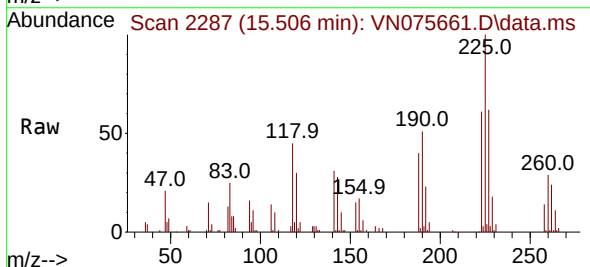
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

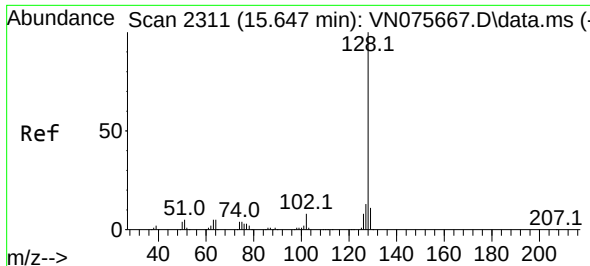
Tgt Ion:180 Resp: 127650
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.3
145 30.2 15.2 45.5



#94
Hexachlorobutadiene
Concen: 56.739 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:225 Resp: 61019
Ion Ratio Lower Upper
225 100
223 61.7 31.4 94.2
227 63.8 31.3 93.9

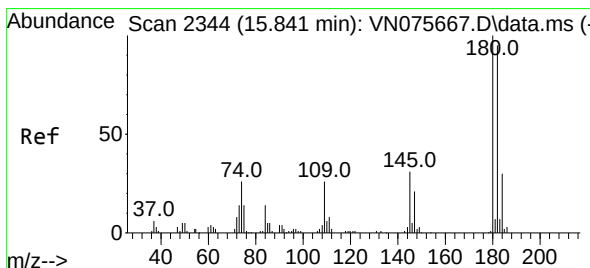
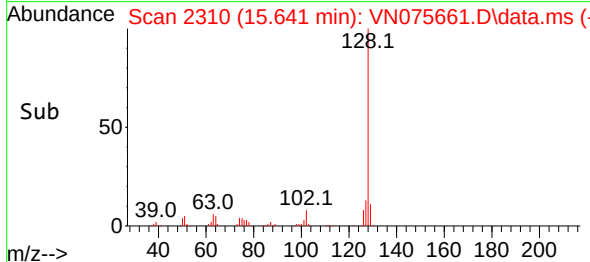
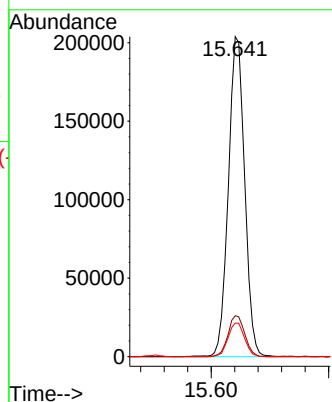
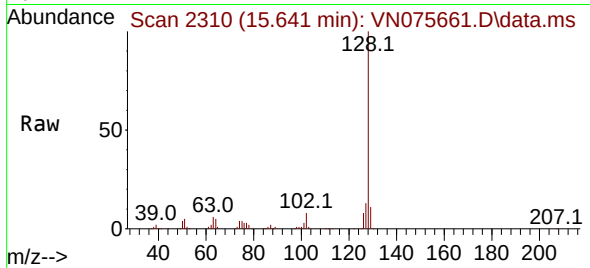




#95
Naphthalene
Concen: 70.079 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 392590
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 67.609 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075661.D
Acq: 09 Dec 2022 11:04

Tgt Ion:180 Resp: 125921
Ion Ratio Lower Upper
180 100
182 94.8 46.8 140.4
145 32.3 15.6 46.8

