

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077574.D
 Acq On : 03 May 2023 19:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 04 04:57:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	719850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1375392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1266630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	529449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	452749	48.200	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.400%
35) Dibromofluoromethane	8.172	113	416653	50.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.800%
50) Toluene-d8	10.572	98	1610116	50.820	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.848	95	568481	54.842	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	419480	45.676	ug/l	99
3) Chloromethane	2.372	50	292984	40.603	ug/l	98
4) Vinyl Chloride	2.525	62	439388	45.710	ug/l	97
5) Bromomethane	2.937	94	340995	40.952	ug/l	97
6) Chloroethane	3.119	64	289776	39.679	ug/l	97
7) Trichlorofluoromethane	3.496	101	676017	47.848	ug/l	100
8) Diethyl Ether	3.972	74	248778	48.457	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.378	101	382567	46.560	ug/l	99
10) Methyl Iodide	4.595	142	491526	48.691	ug/l	99
11) Tert butyl alcohol	5.537	59	344068	228.171	ug/l	99
12) 1,1-Dichloroethene	4.348	96	366689	45.646	ug/l	98
13) Acrolein	4.190	56	344785	229.843	ug/l	98
14) Allyl chloride	5.037	41	363989	40.754	ug/l #	88
15) Acrylonitrile	5.731	53	842260	246.214	ug/l	99
16) Acetone	4.437	43	601029	201.123	ug/l	97
17) Carbon Disulfide	4.725	76	786277	38.519	ug/l	99
18) Methyl Acetate	5.037	43	556062	48.185	ug/l	95
19) Methyl tert-butyl Ether	5.807	73	1340386	50.172	ug/l	98
20) Methylene Chloride	5.284	84	433534	45.746	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	399356	45.974	ug/l	95
22) Diisopropyl ether	6.684	45	950439	46.367	ug/l	95
23) Vinyl Acetate	6.613	43	2910305	227.342	ug/l	97
24) 1,1-Dichloroethane	6.578	63	688296	47.437	ug/l	99
25) 2-Butanone	7.489	43	971791	229.277	ug/l	96
26) 2,2-Dichloropropane	7.495	77	635488	45.169	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	506650	49.248	ug/l	96
28) Bromochloromethane	7.819	49	266120	48.028	ug/l	88
29) Tetrahydrofuran	7.842	42	614099	231.243	ug/l	94
30) Chloroform	7.972	83	832120	50.887	ug/l	96
31) Cyclohexane	8.266	56	537752	40.413	ug/l	91
32) 1,1,1-Trichloroethane	8.178	97	772049	51.355	ug/l	97
36) 1,1-Dichloropropene	8.378	75	564694	47.282	ug/l	99
37) Ethyl Acetate	7.566	43	401632	44.255	ug/l	98
38) Carbon Tetrachloride	8.366	117	657042	49.863	ug/l	99
39) Methylcyclohexane	9.607	83	735250	46.727	ug/l	97
40) Benzene	8.613	78	1766009	48.539	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	216871	45.882	ug/l	93
42) 1,2-Dichloroethane	8.672	62	589292	47.157	ug/l	97
43) Isopropyl Acetate	8.695	43	777807	49.541	ug/l	99
44) Trichloroethene	9.354	130	461749	49.568	ug/l	94
45) 1,2-Dichloropropane	9.625	63	408109	47.885	ug/l	97
46) Dibromomethane	9.713	93	332491	48.080	ug/l	97
47) Bromodichloromethane	9.889	83	676106	50.544	ug/l	97
48) Methyl methacrylate	9.683	41	318166	44.520	ug/l	94
49) 1,4-Dioxane	9.701	88	184693	1030.299	ug/l #	91
51) 4-Methyl-2-Pentanone	10.448	43	2157518	234.285	ug/l	97
52) Toluene	10.630	92	1224269	51.365	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	708126	52.280	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	737664	50.034	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	485726	50.678	ug/l	97
56) Ethyl methacrylate	10.877	69	700756	52.178	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	785756	51.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	1236469	272.197	ug/l	97
59) 2-Hexanone	11.195	43	1569670	234.493	ug/l	95
60) Dibromochloromethane	11.360	129	532830	53.566	ug/l	99
61) 1,2-Dibromoethane	11.472	107	513588	52.486	ug/l	98
64) Tetrachloroethene	11.107	164	356318	46.994	ug/l	97
65) Chlorobenzene	11.895	112	1309947	48.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	486110	49.849	ug/l	98
67) Ethyl Benzene	11.966	91	2360575	50.030	ug/l	99
68) m/p-Xylenes	12.071	106	1843030	100.503	ug/l	100
69) o-Xylene	12.401	106	939243	52.072	ug/l	99
70) Styrene	12.413	104	1522653	53.979	ug/l	98
71) Bromoform	12.583	173	334390	52.413	ug/l #	99
73) Isopropylbenzene	12.701	105	2429564	49.451	ug/l	100
74) N-amyl acetate	12.495	43	624216	42.915	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.942	83	717041	46.449	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	859403	69.803	ug/l	69
77) Bromobenzene	12.983	156	510456	47.672	ug/l	98
78) n-propylbenzene	13.036	91	2714029	49.960	ug/l	99
79) 2-Chlorotoluene	13.130	91	1638951	48.934	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	2026042	55.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	241697	55.462	ug/l	89
82) 4-Chlorotoluene	13.224	91	1570557	50.182	ug/l	99
83) tert-Butylbenzene	13.442	119	1754023	49.503	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1959665	57.511	ug/l	100
85) sec-Butylbenzene	13.618	105	2520270	51.821	ug/l	100
86) p-Isopropyltoluene	13.730	119	1980456	52.926	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	923363	48.489	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	918684	48.860	ug/l	99
89) n-Butylbenzene	14.060	91	1640187	56.639	ug/l	100
90) Hexachloroethane	14.336	117	383111	46.342	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	923161	48.878	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	140578	49.246	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	340389	54.239	ug/l	98
94) Hexachlorobutadiene	15.501	225	184587	48.364	ug/l	97
95) Naphthalene	15.642	128	1747224	66.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	321036	54.523	ug/l	98

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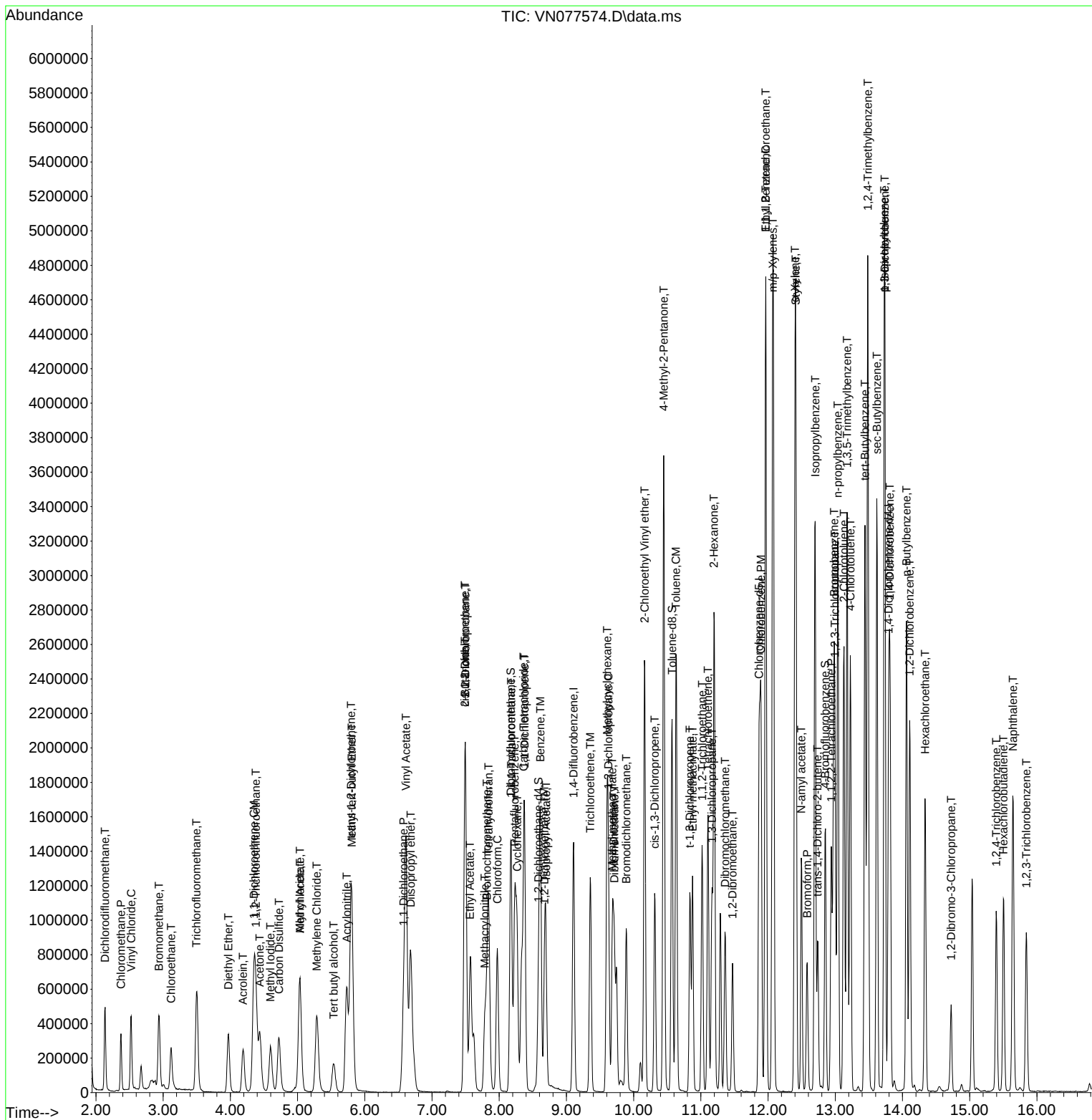
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

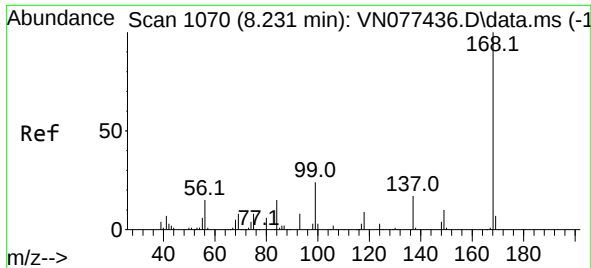
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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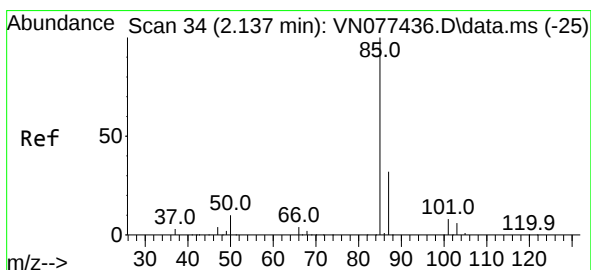
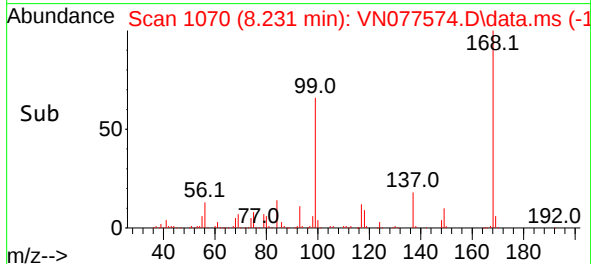
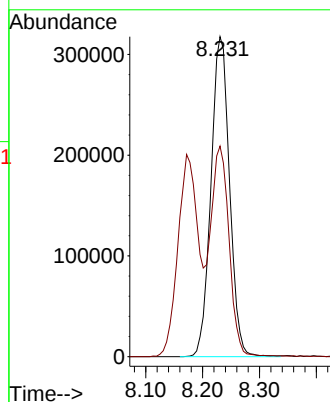
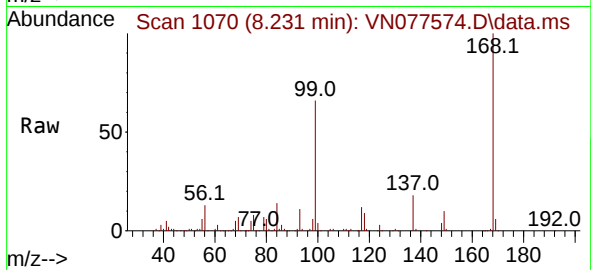




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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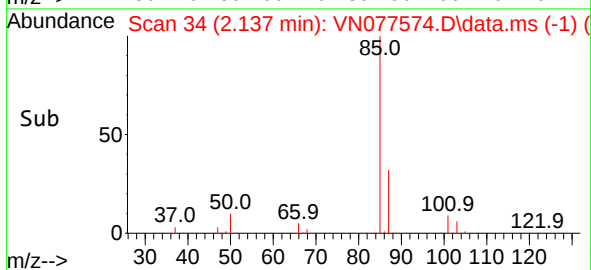
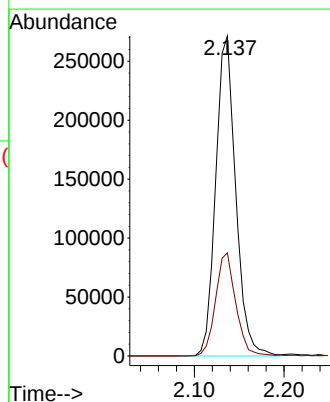
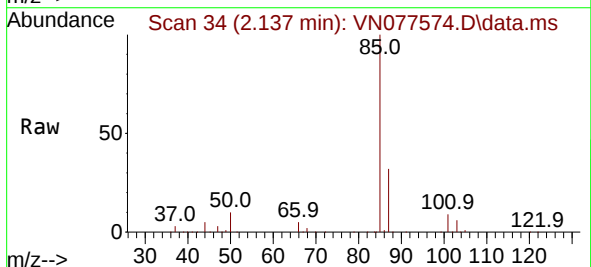
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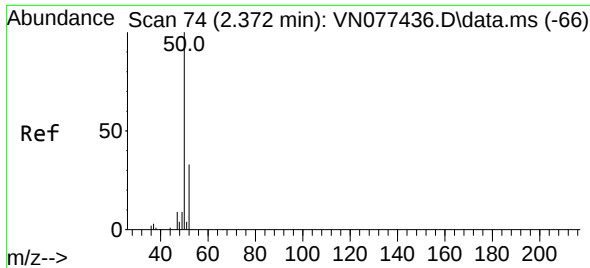
Tgt Ion:168 Resp: 719850
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 45.676 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 85 Resp: 419480
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4

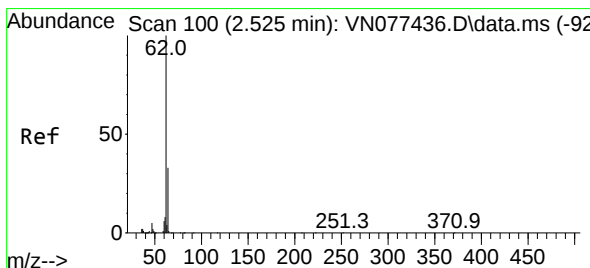
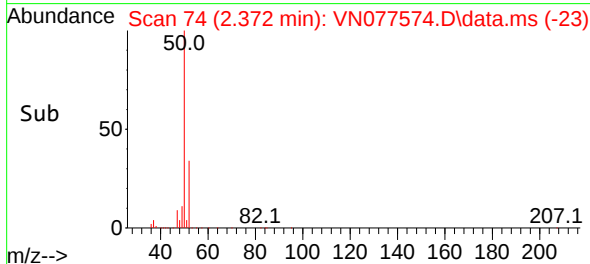
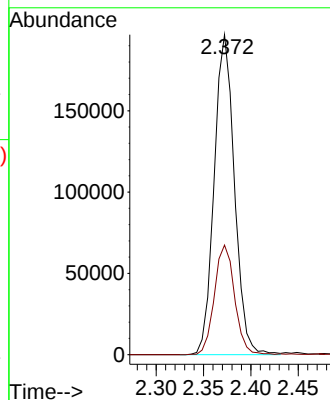
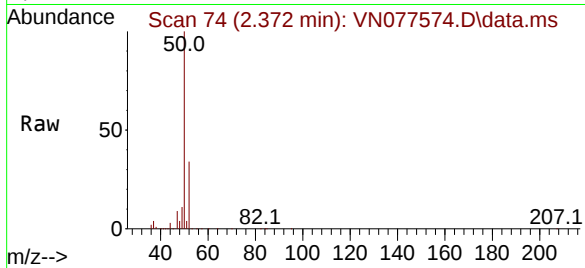




#3
Chloromethane
Concen: 40.603 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

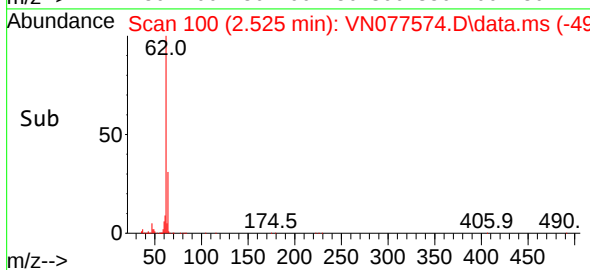
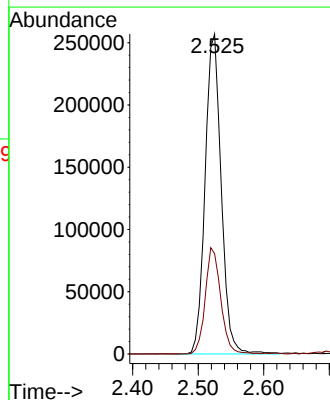
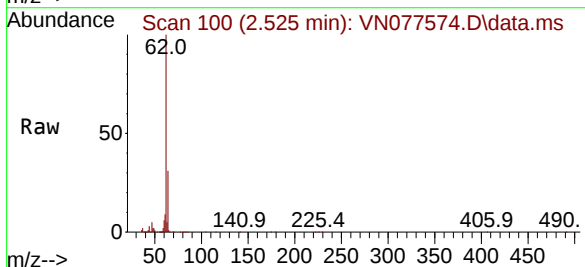
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ClientSampleId :
VSTDCCC050EC

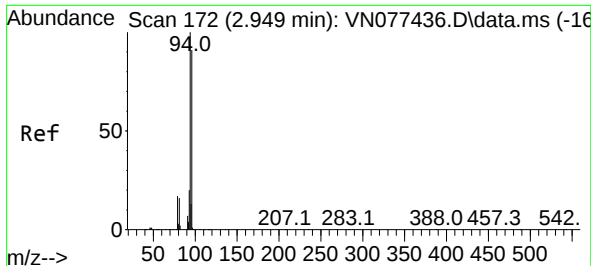
Tgt Ion: 50 Resp: 292984
Ion Ratio Lower Upper
50 100
52 34.3 26.5 39.7



#4
Vinyl Chloride
Concen: 45.710 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 62 Resp: 439388
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2

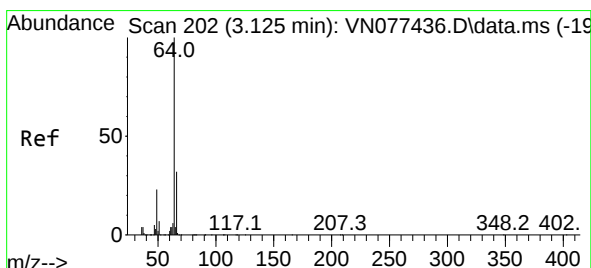
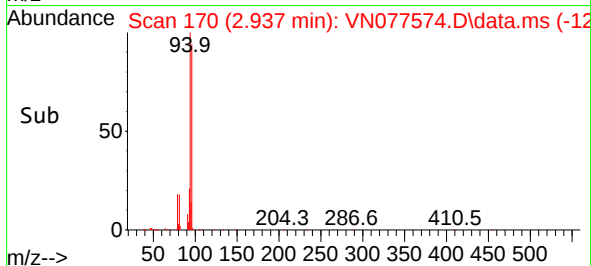
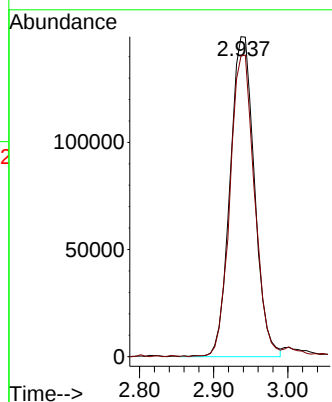
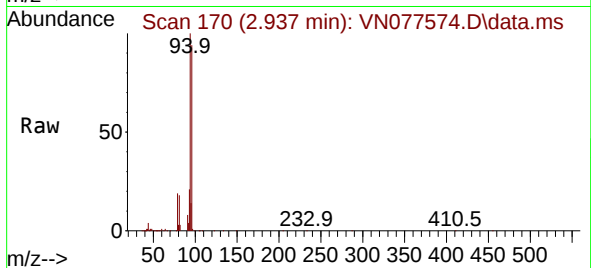




#5
Bromomethane
Concen: 40.952 ug/l
RT: 2.937 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077574.D
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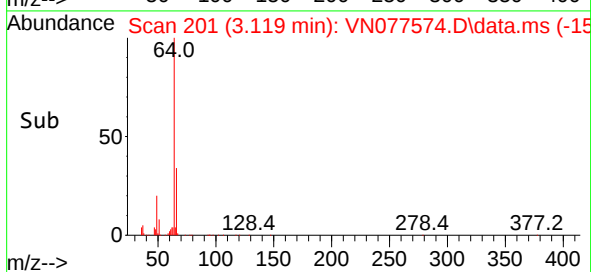
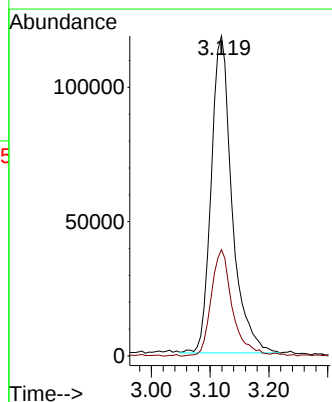
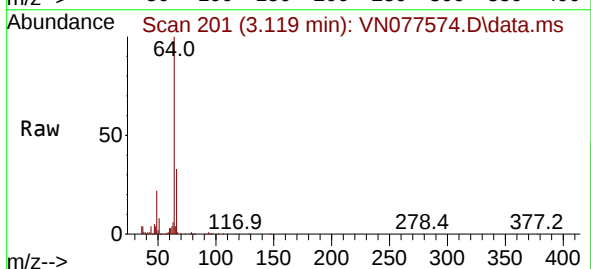
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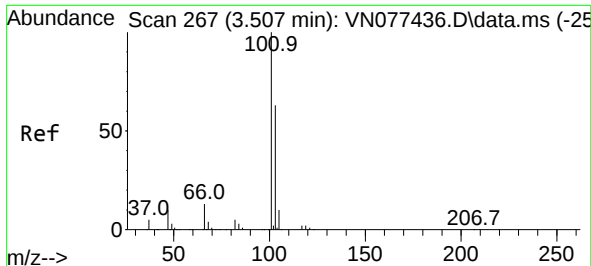
Tgt Ion: 94 Resp: 340995
Ion Ratio Lower Upper
94 100
96 93.8 73.1 109.7



#6
Chloroethane
Concen: 39.679 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 64 Resp: 289776
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2

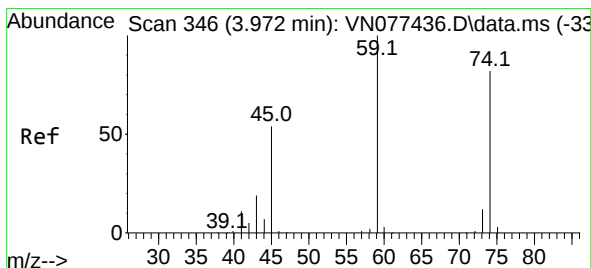
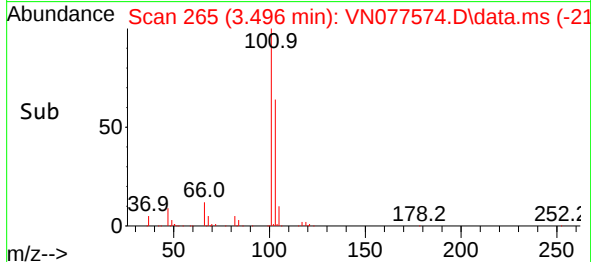
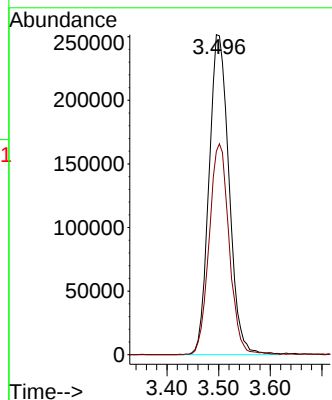
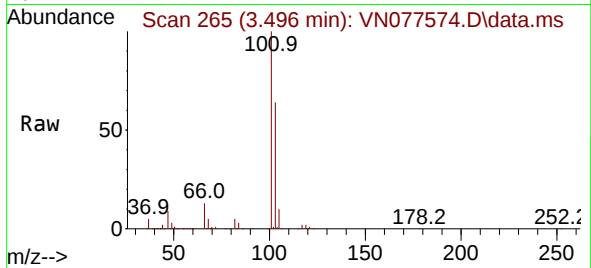




#7
 Trichlorofluoromethane
 Concen: 47.848 ug/l
 RT: 3.496 min Scan# 265
 Delta R.T. -0.012 min
 Lab File: VN077574.D
 Acq: 03 May 2023 19:48

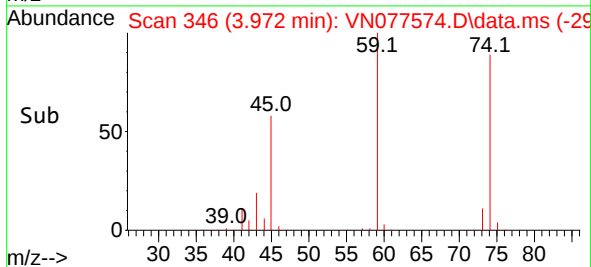
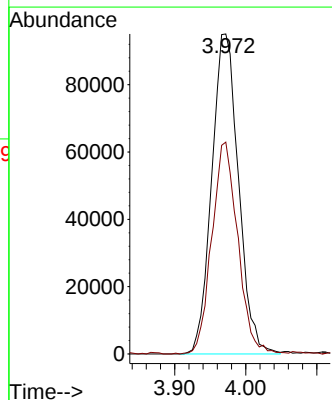
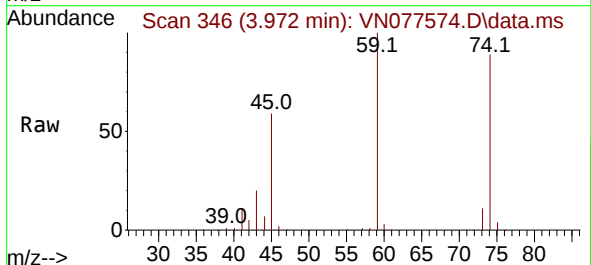
Instrument :
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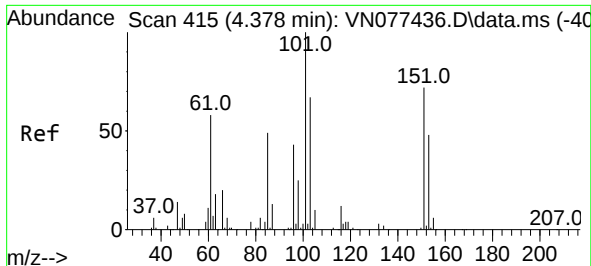
Tgt Ion:101 Resp: 676017
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 48.457 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 248778
 Ion Ratio Lower Upper
 74 100
 45 64.2 34.4 103.3

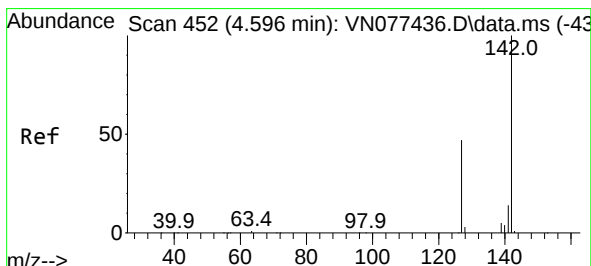
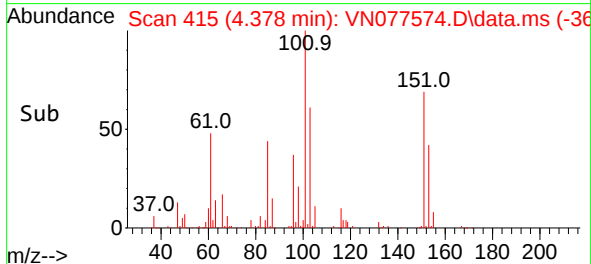
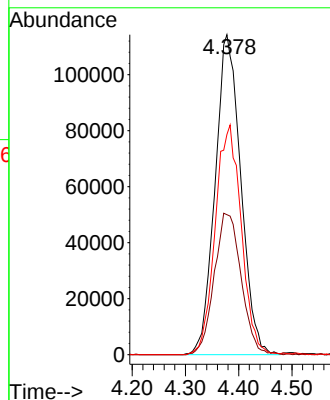
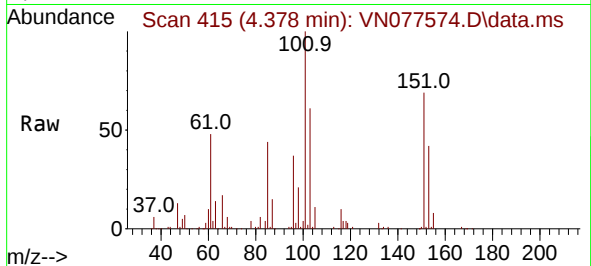




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.560 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

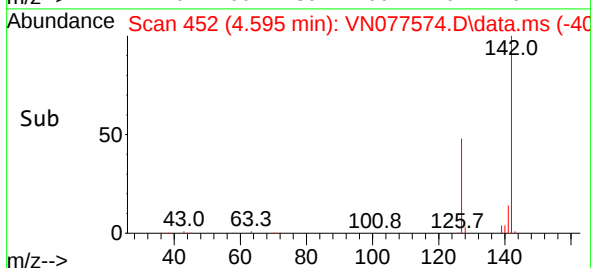
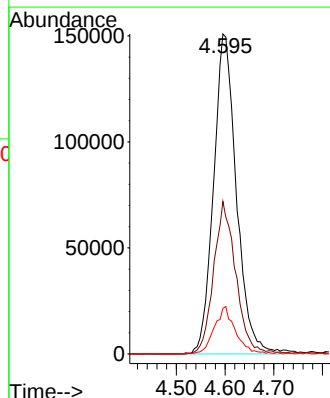
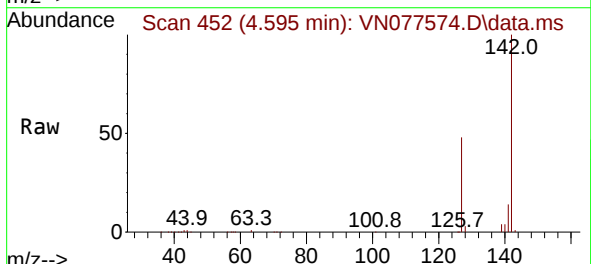
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

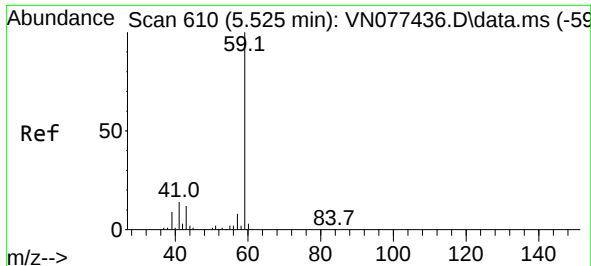
Tgt Ion:101 Resp: 382567
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 72.8 57.6 86.4



#10
Methyl Iodide
Concen: 48.691 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion:142 Resp: 491526
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 14.3 11.4 17.0

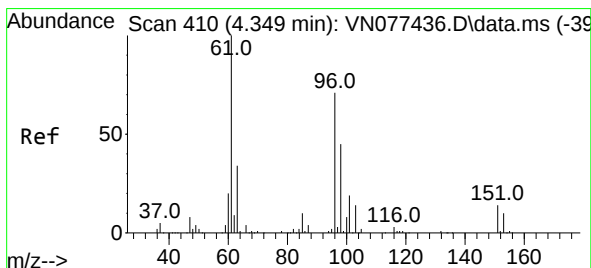
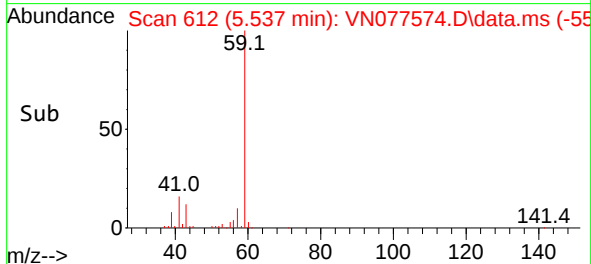
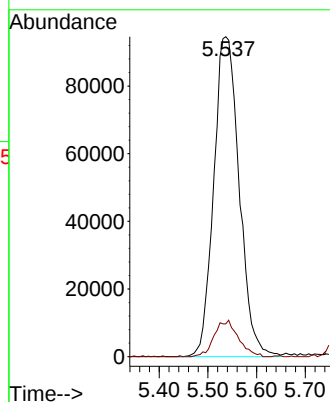
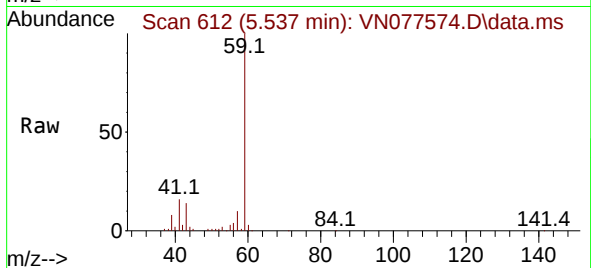




#11
Tert butyl alcohol
Concen: 228.171 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

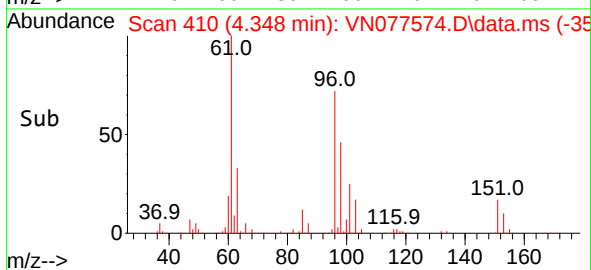
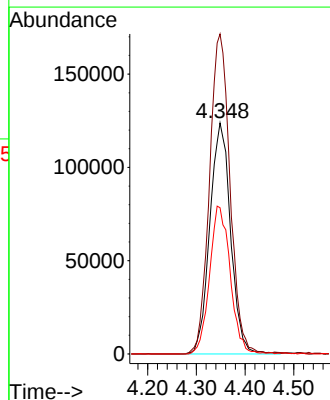
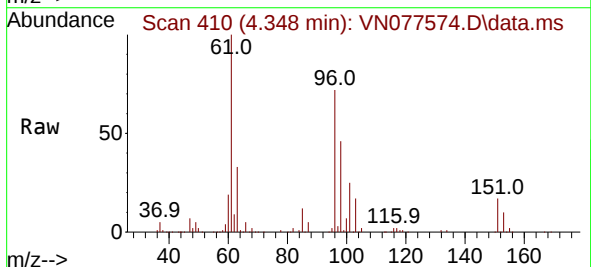
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

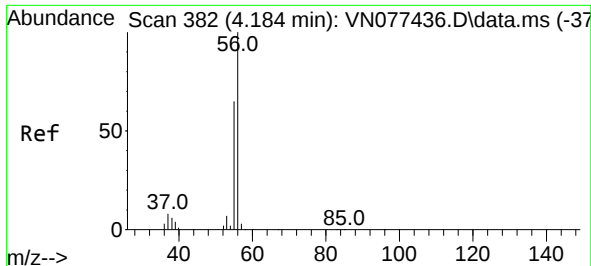
Tgt Ion: 59 Resp: 344068
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.646 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 96 Resp: 366689
Ion Ratio Lower Upper
96 100
61 138.5 112.7 169.1
98 63.3 51.2 76.8

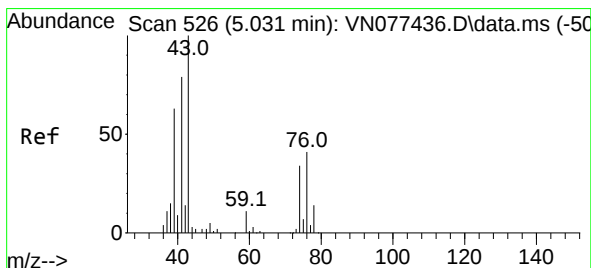
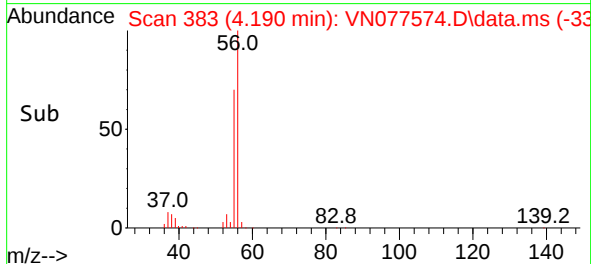
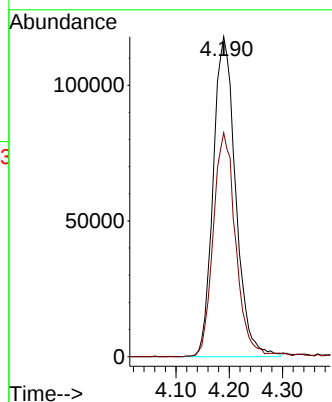
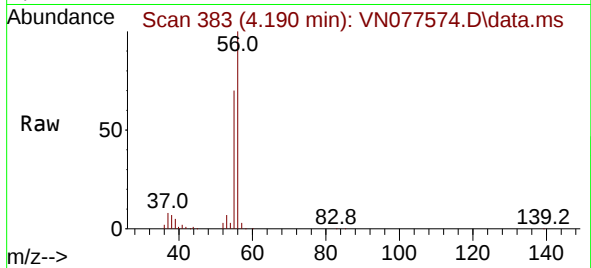




#13
Acrolein
Concen: 229.843 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

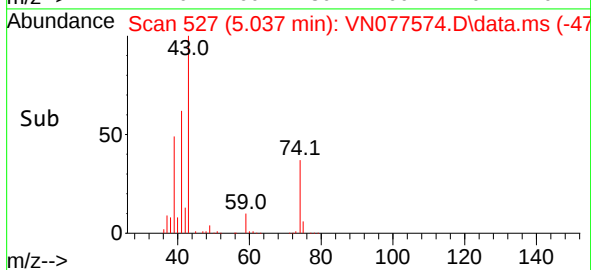
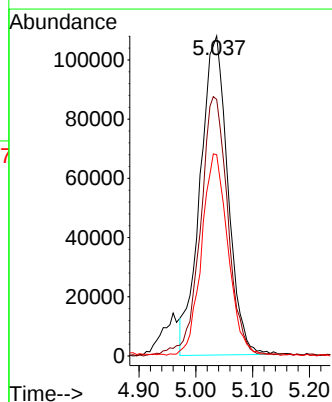
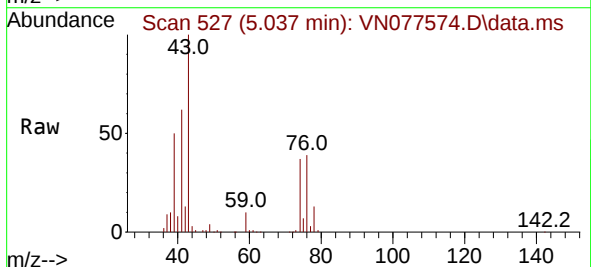
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

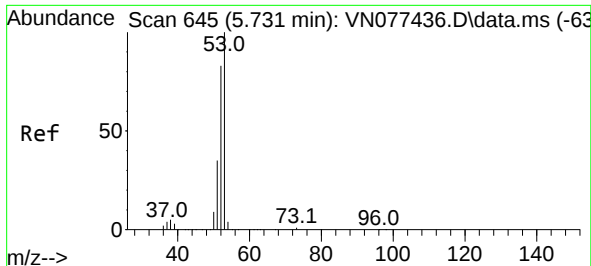
Tgt Ion: 56 Resp: 344785
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7



#14
Allyl chloride
Concen: 40.754 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 41 Resp: 363989
Ion Ratio Lower Upper
41 100
39 80.9 58.8 88.2
76 60.0 39.1 58.7#

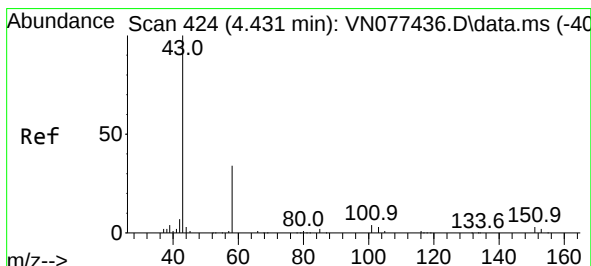
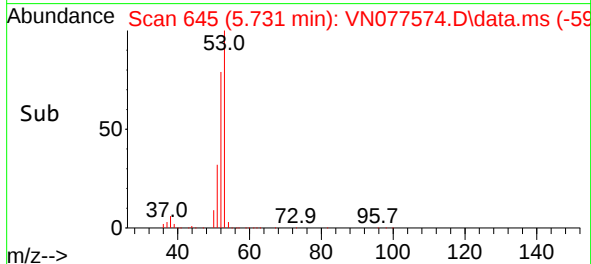
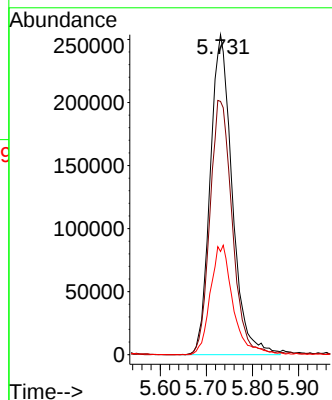
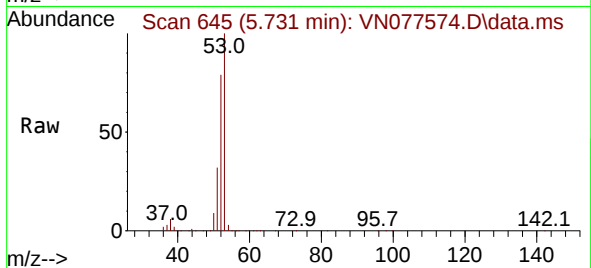




#15
Acrylonitrile
Concen: 246.214 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

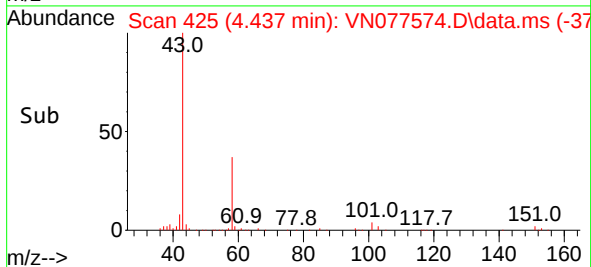
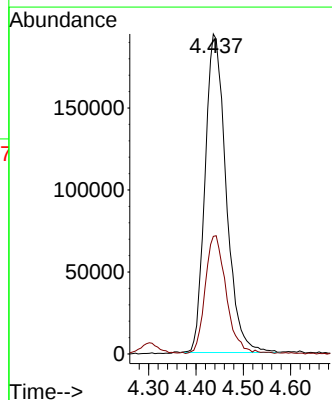
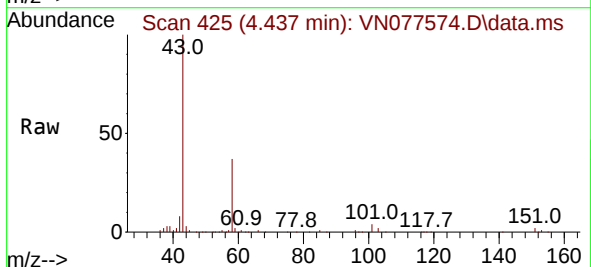
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

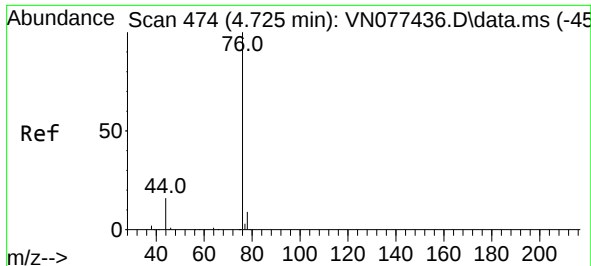
Tgt Ion: 53 Resp: 842260
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 35.4 28.9 43.3



#16
Acetone
Concen: 201.123 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 43 Resp: 601029
Ion Ratio Lower Upper
43 100
58 36.6 28.0 42.0

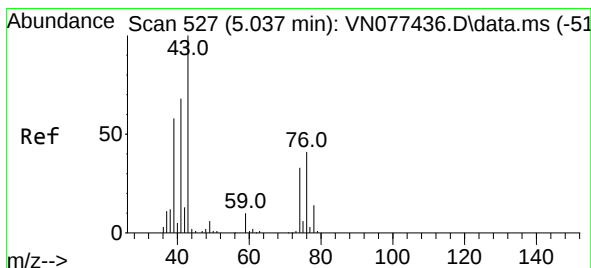
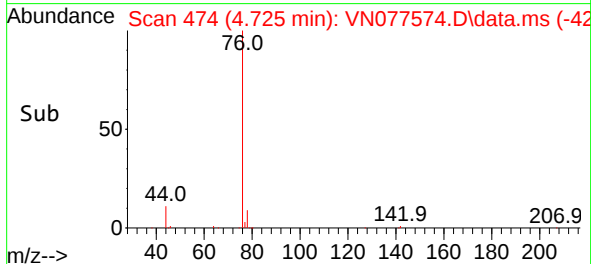
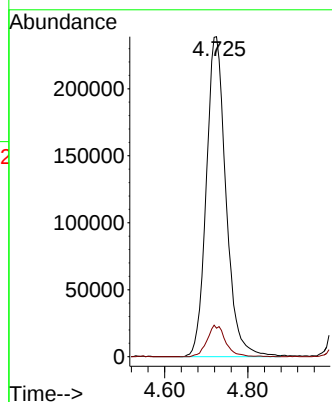
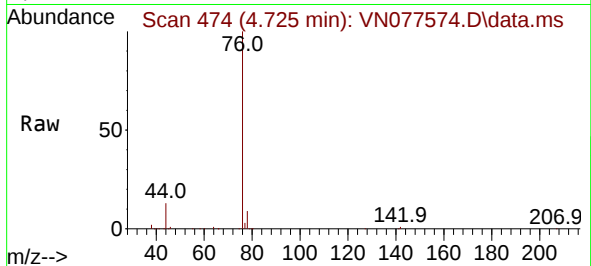




#17
Carbon Disulfide
Concen: 38.519 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

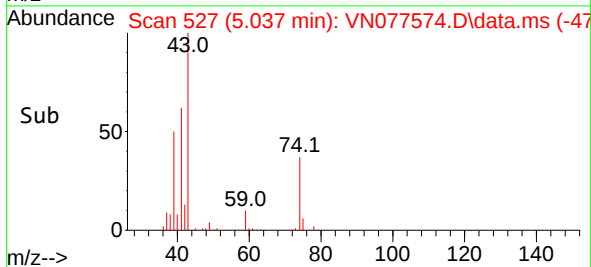
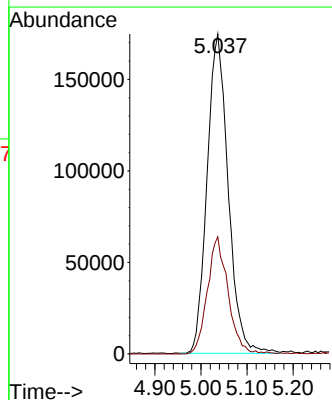
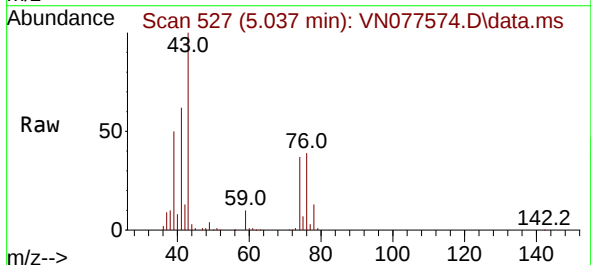
Instrument :
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ClientSampleId :
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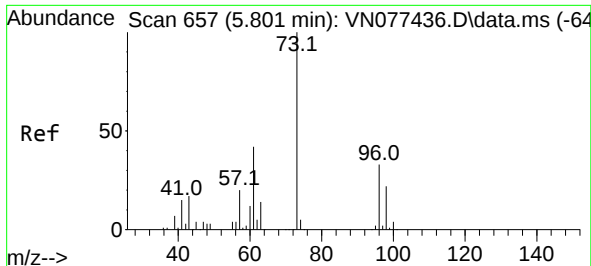
Tgt Ion: 76 Resp: 786277
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 48.185 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 43 Resp: 556062
Ion Ratio Lower Upper
43 100
74 35.8 26.2 39.4

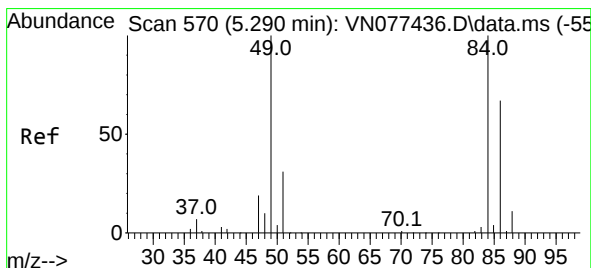
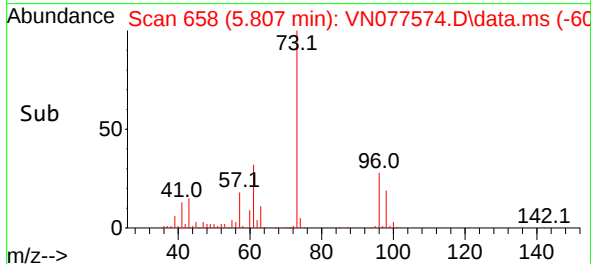
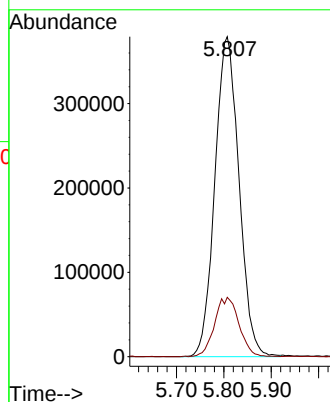
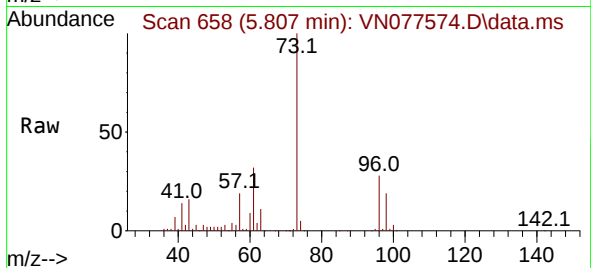




#19
Methyl tert-butyl Ether
Concen: 50.172 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

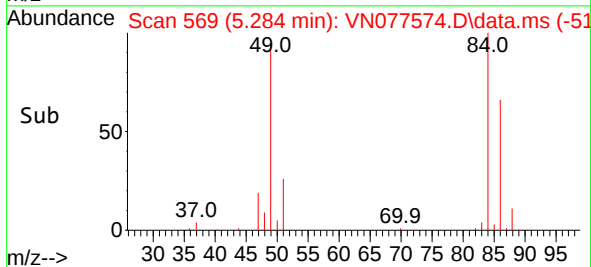
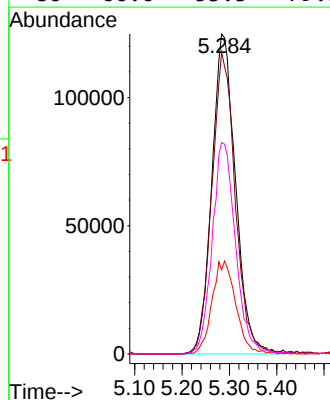
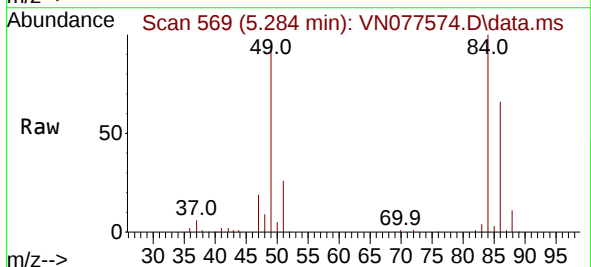
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

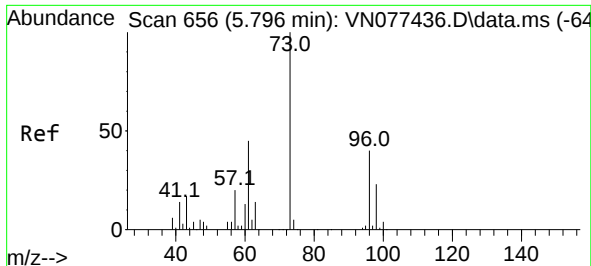
Tgt Ion: 73 Resp: 1340386
Ion Ratio Lower Upper
73 100
57 18.5 15.6 23.4



#20
Methylene Chloride
Concen: 45.746 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 84 Resp: 433534
Ion Ratio Lower Upper
84 100
49 94.2 79.7 119.5
51 26.2 25.2 37.8
86 66.0 53.3 79.9

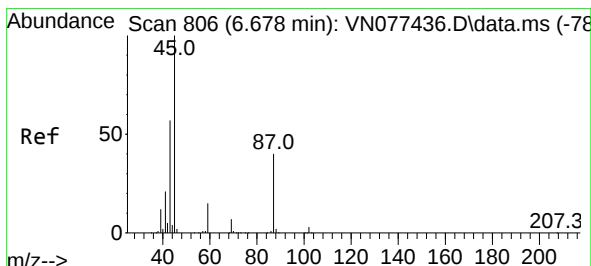
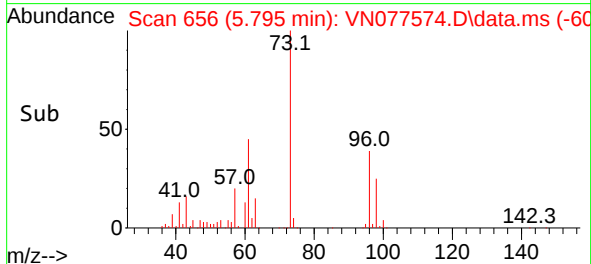
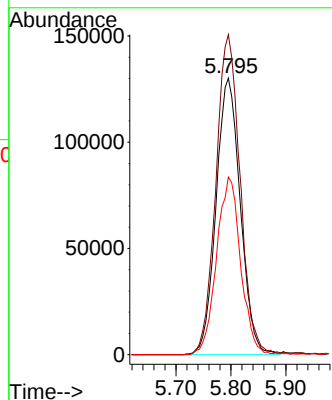
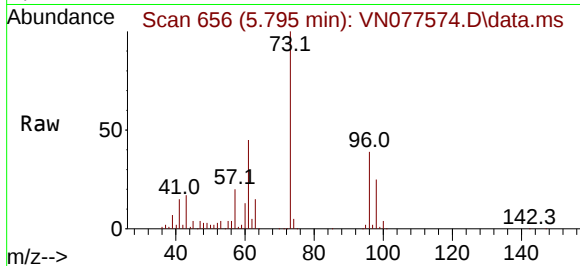




#21
trans-1,2-Dichloroethene
Concen: 45.974 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

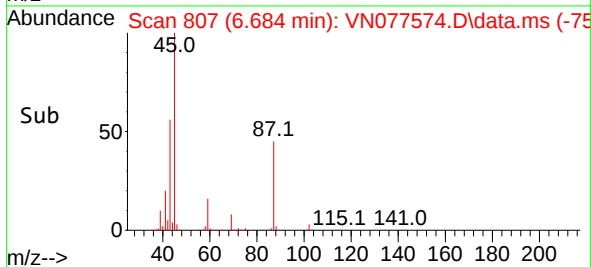
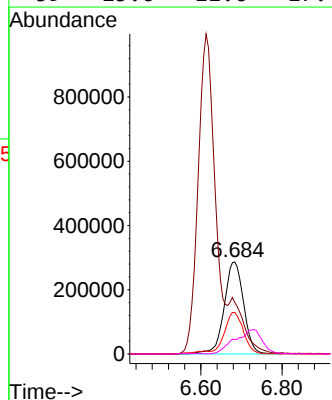
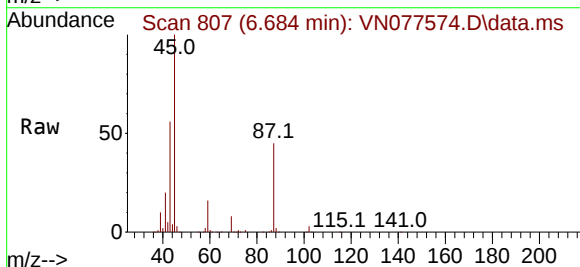
Instrument :
MSVOA_N
ClientSampleId :
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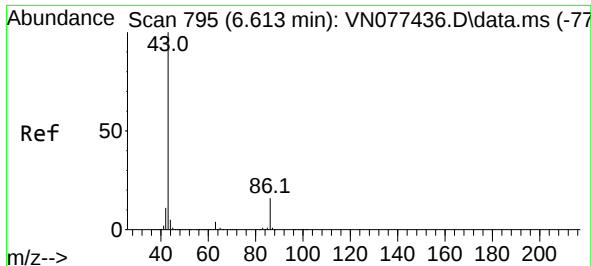
Tgt Ion: 96 Resp: 399356
Ion Ratio Lower Upper
96 100
61 115.7 90.1 135.1
98 64.2 46.4 69.6



#22
Diisopropyl ether
Concen: 46.367 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 45 Resp: 950439
Ion Ratio Lower Upper
45 100
43 55.3 45.5 68.3
87 45.1 31.8 47.8
59 15.6 11.6 17.4

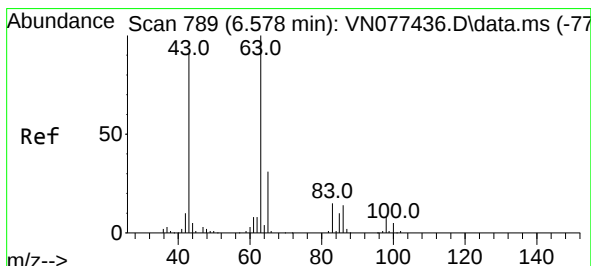
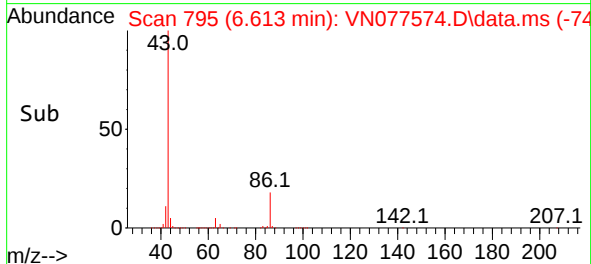
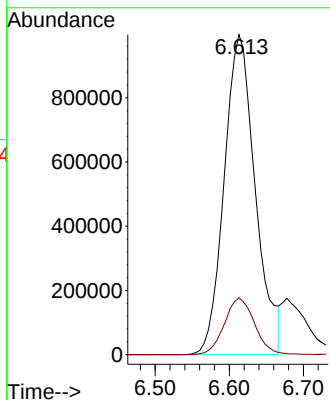
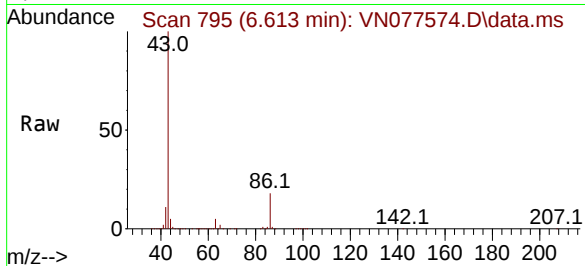




#23
 Vinyl Acetate
 Concen: 227.342 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077574.D
 Acq: 03 May 2023 19:48

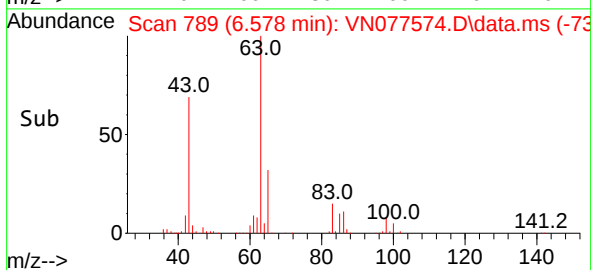
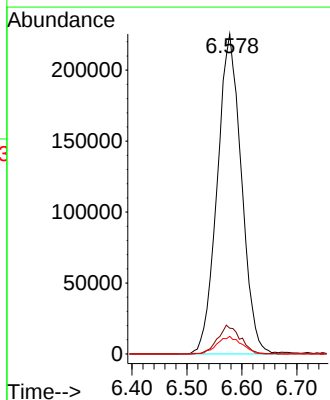
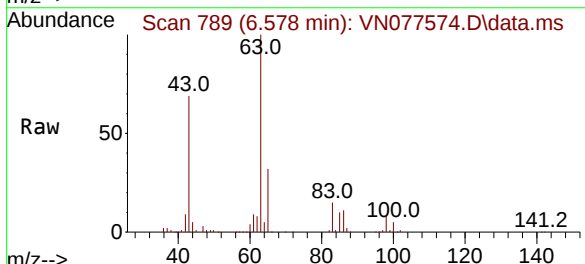
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

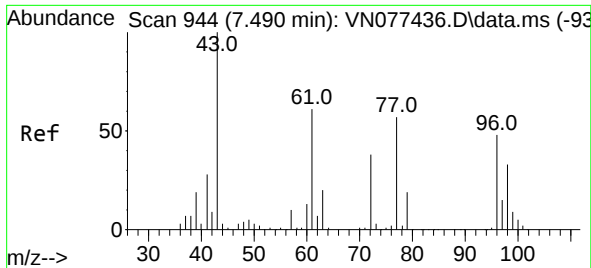
Tgt Ion: 43 Resp: 2910305
 Ion Ratio Lower Upper
 43 100
 86 17.8 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 47.437 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077574.D
 Acq: 03 May 2023 19:48

Tgt Ion: 63 Resp: 688296
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.5 2.5 7.4

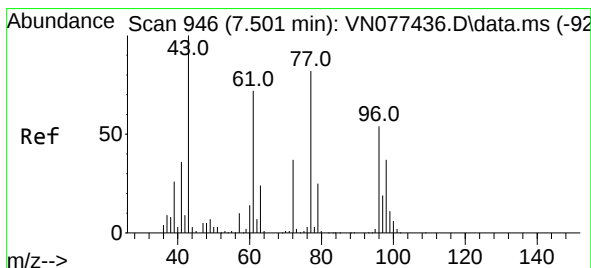
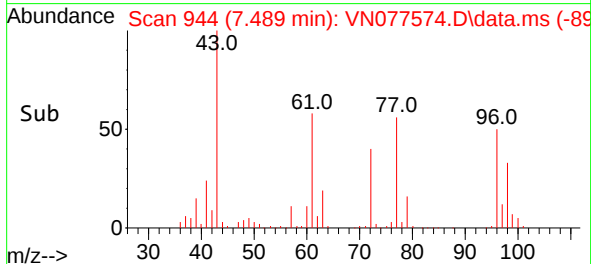
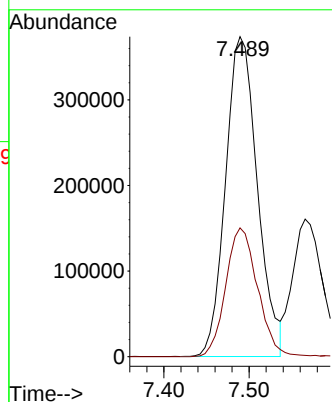
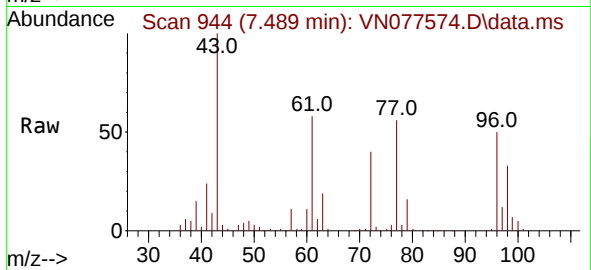




#25
2-Butanone
Concen: 229.277 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

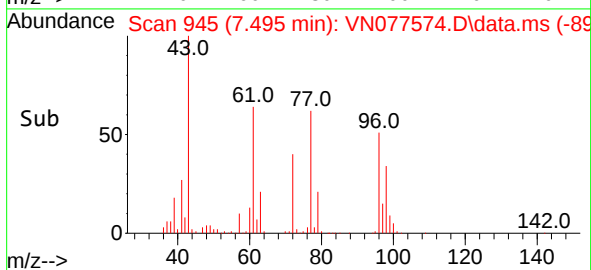
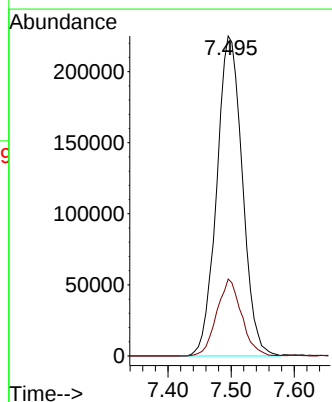
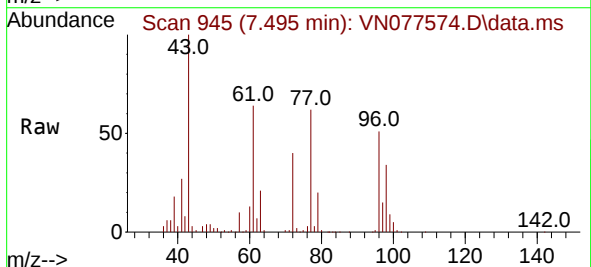
Instrument :
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ClientSampleId :
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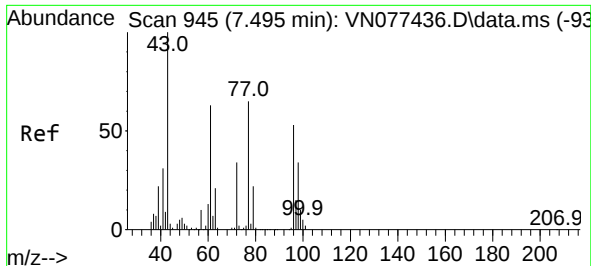
Tgt Ion: 43 Resp: 971791
Ion Ratio Lower Upper
43 100
72 40.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 45.169 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 77 Resp: 635488
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 49.248 ug/l

RT: 7.489 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

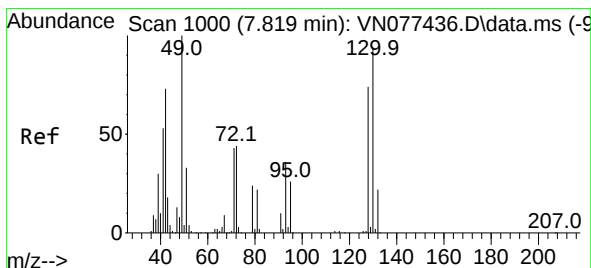
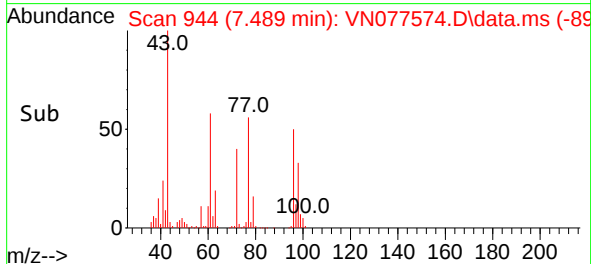
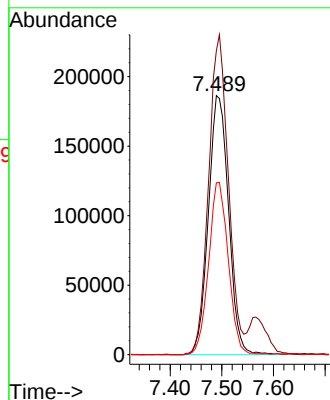
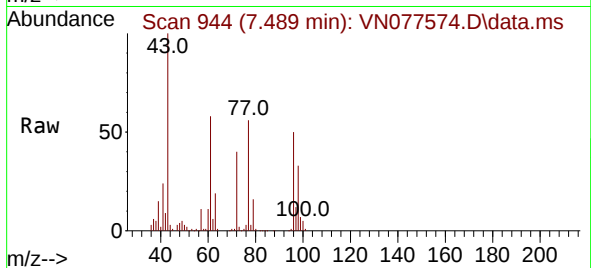
Tgt Ion: 96 Resp: 506650

Ion Ratio Lower Upper

96 100

61 120.4 0.0 255.2

98 64.7 0.0 128.8



#28

Bromochloromethane

Concen: 48.028 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

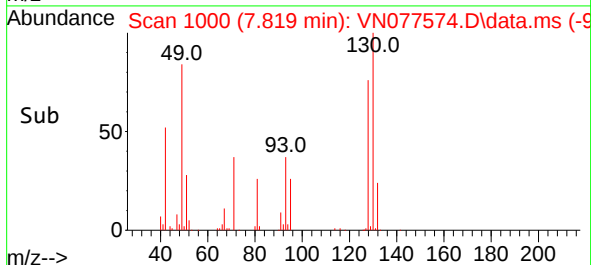
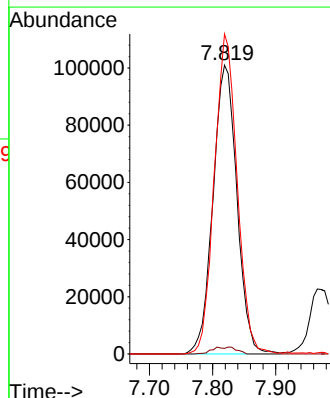
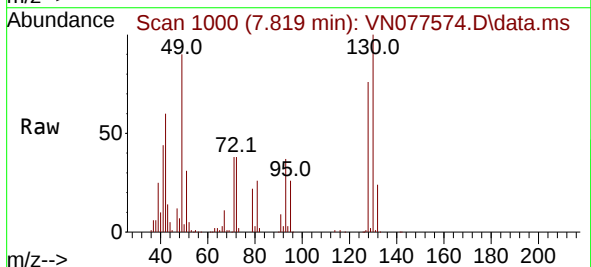
Tgt Ion: 49 Resp: 266120

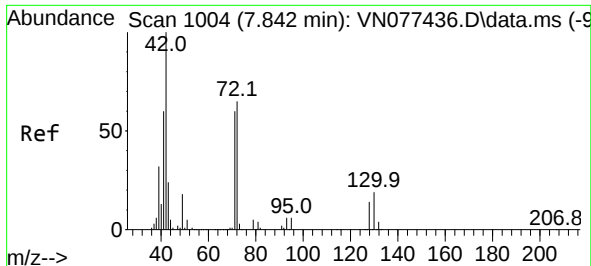
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.8

130 105.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 231.243 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

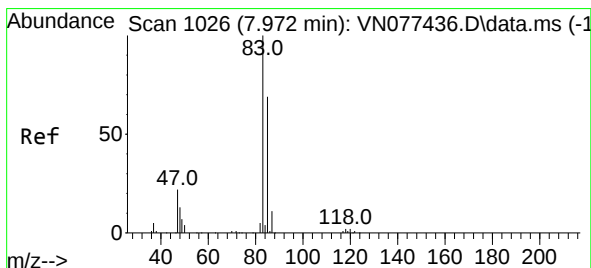
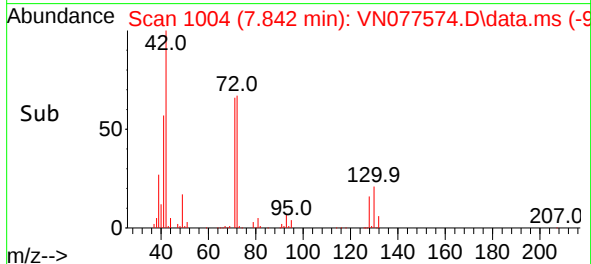
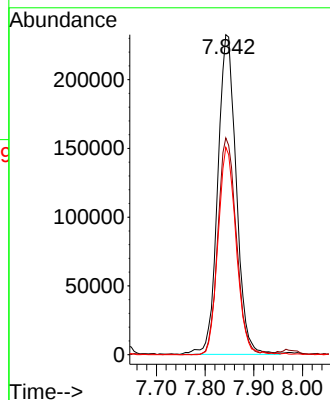
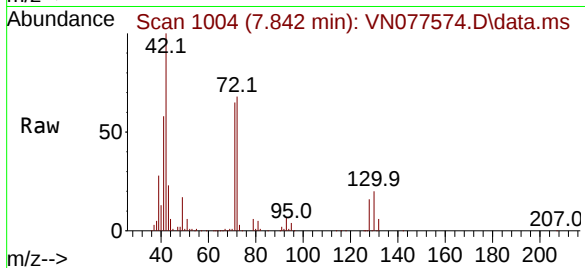
Tgt Ion: 42 Resp: 614099

Ion Ratio Lower Upper

42 100

72 67.5 49.8 74.6

71 63.7 47.4 71.2



#30

Chloroform

Concen: 50.887 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077574.D

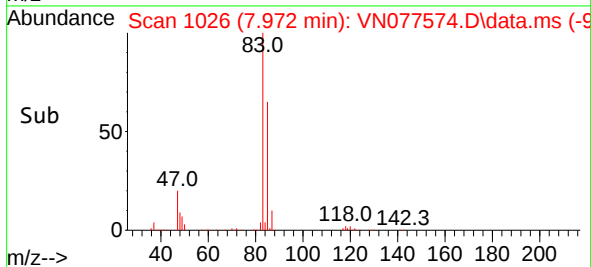
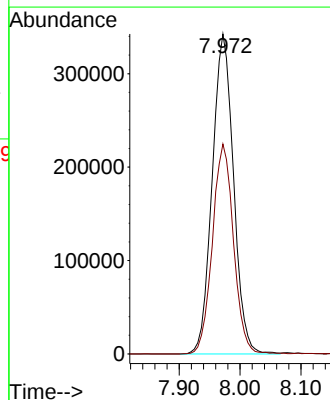
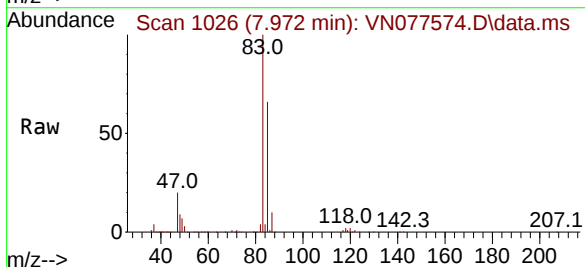
Acq: 03 May 2023 19:48

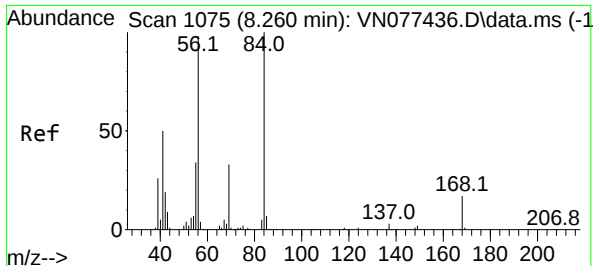
Tgt Ion: 83 Resp: 832120

Ion Ratio Lower Upper

83 100

85 65.6 55.4 83.0

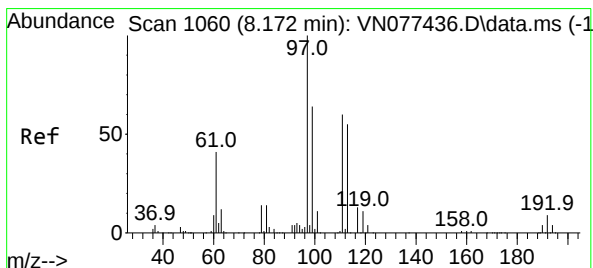
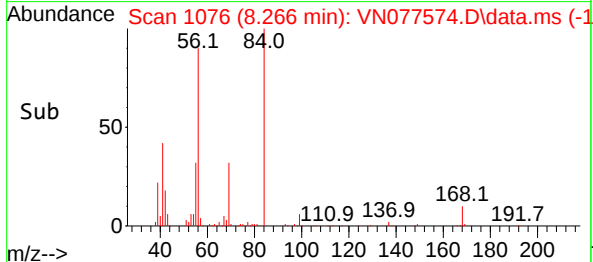
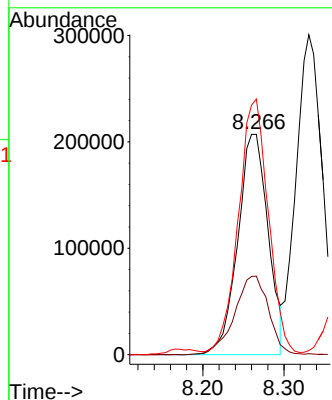
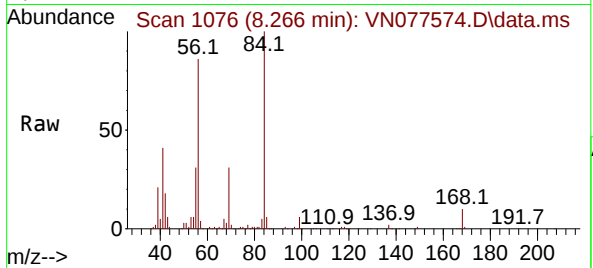




#31
Cyclohexane
Concen: 40.413 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

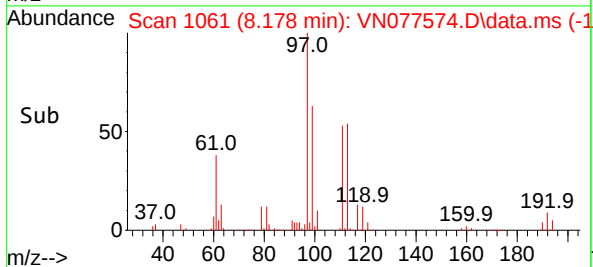
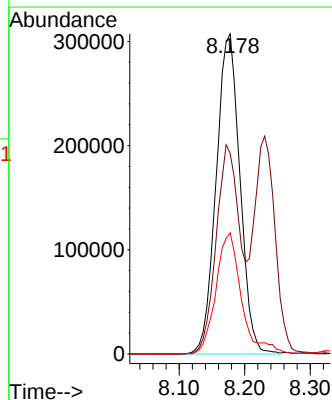
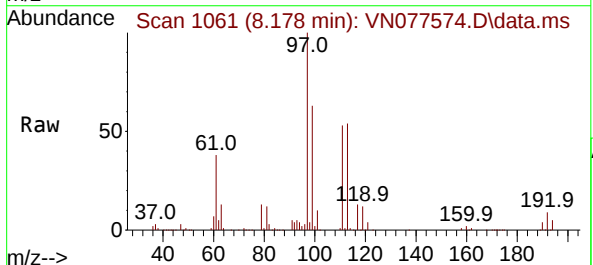
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

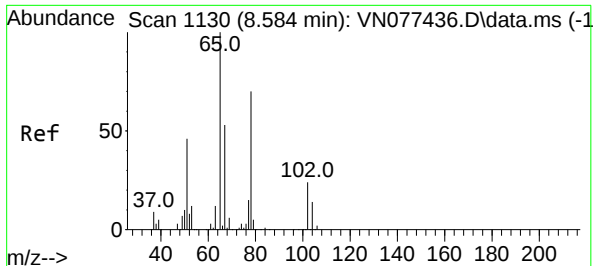
Tgt Ion: 56 Resp: 537752
Ion Ratio Lower Upper
56 100
69 35.6 26.8 40.2
84 113.6 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 51.355 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 97 Resp: 772049
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 40.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.200 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

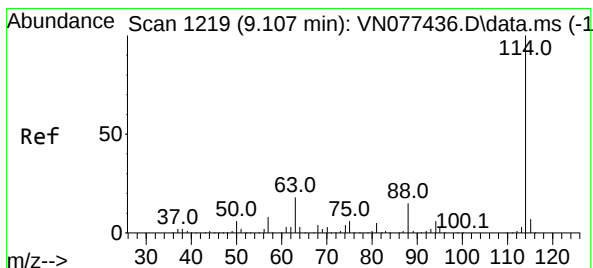
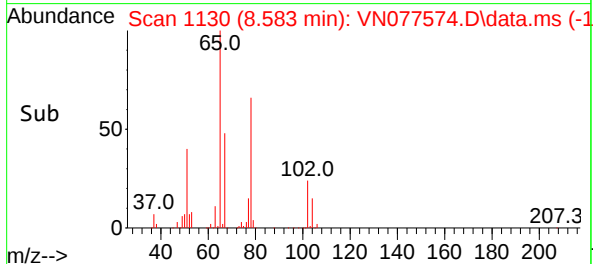
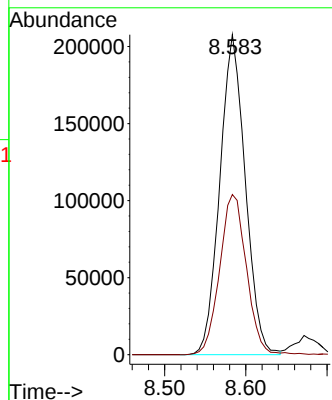
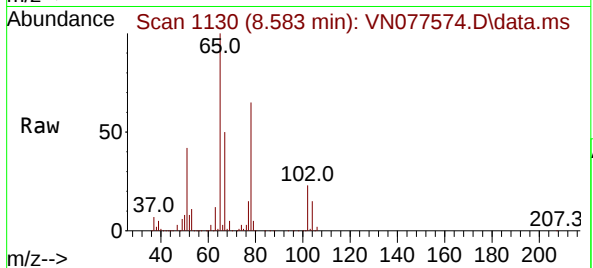
VSTDCCC050EC

Tgt Ion: 65 Resp: 452749

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

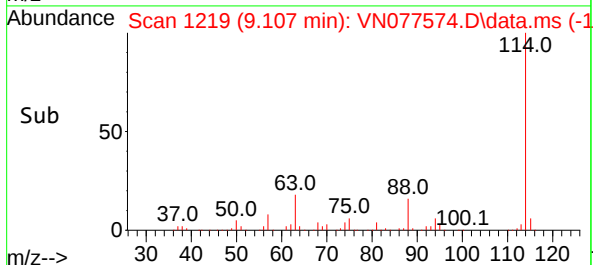
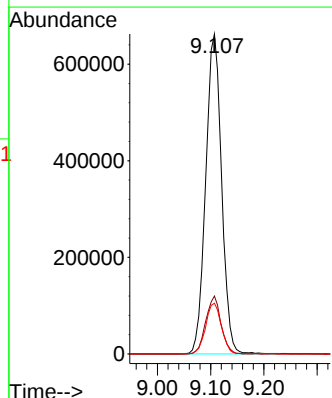
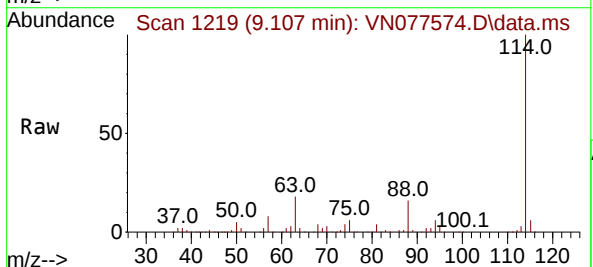
Tgt Ion: 114 Resp: 1375392

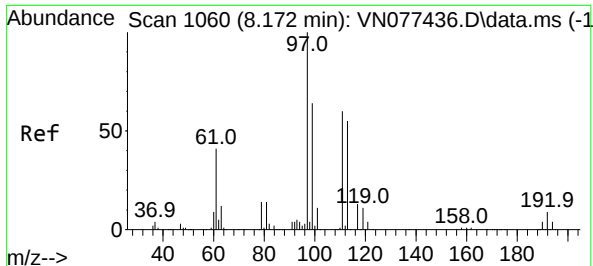
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.401 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

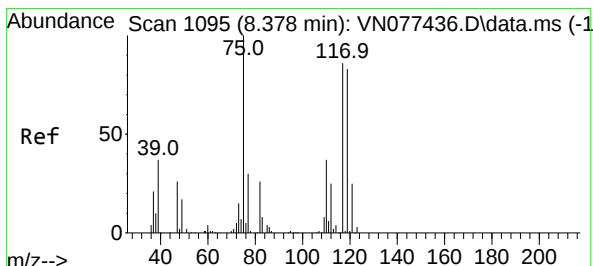
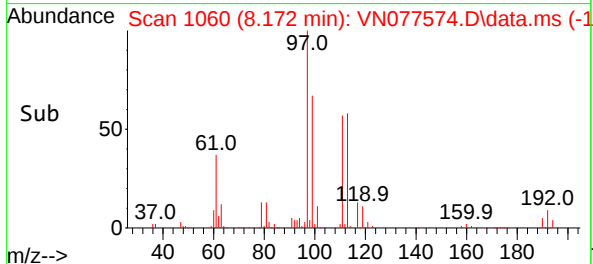
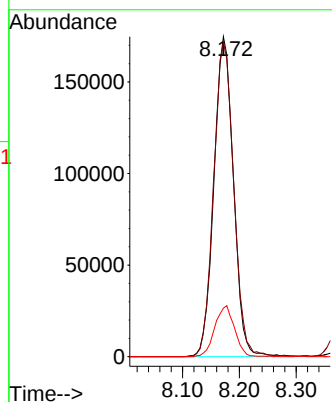
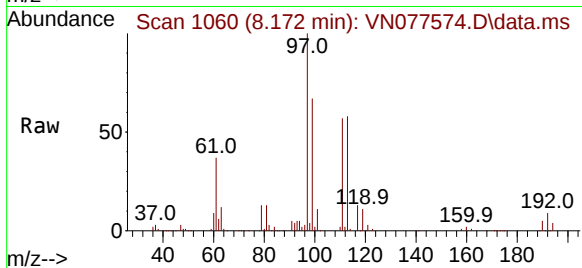
Tgt Ion:113 Resp: 416653

Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

192 16.1 12.7 19.1



#36

1,1-Dichloropropene

Concen: 47.282 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

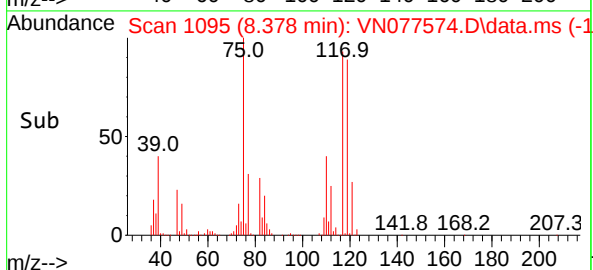
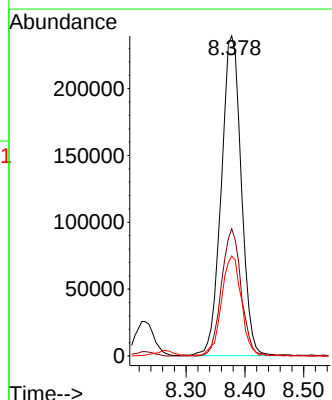
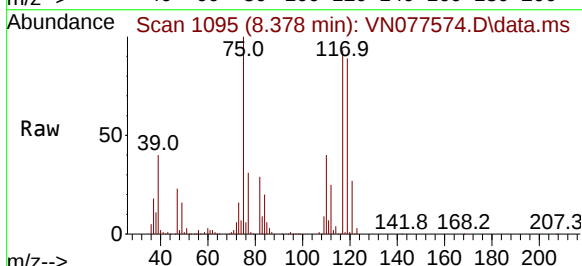
Tgt Ion: 75 Resp: 564694

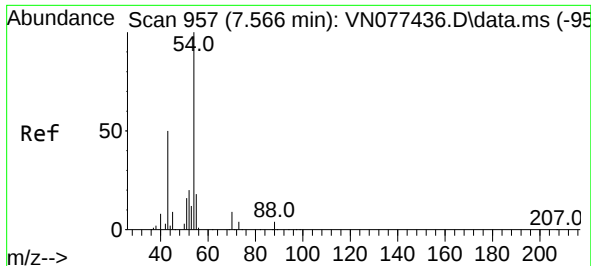
Ion Ratio Lower Upper

75 100

110 38.9 19.1 57.3

77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 44.255 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

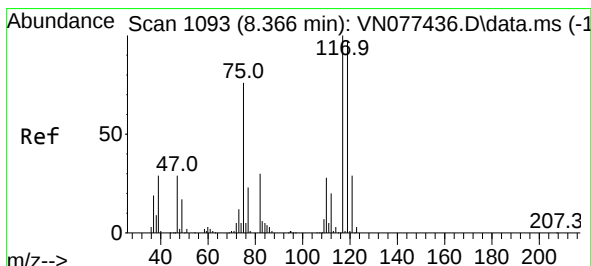
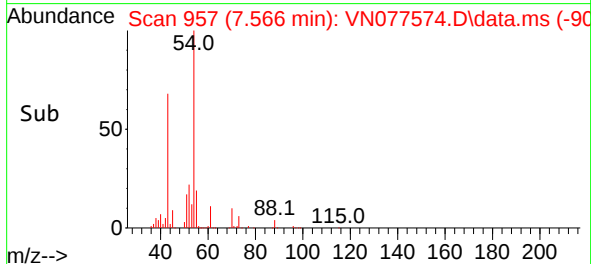
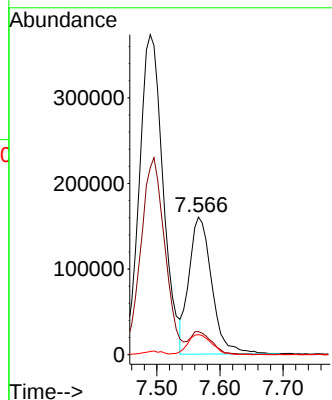
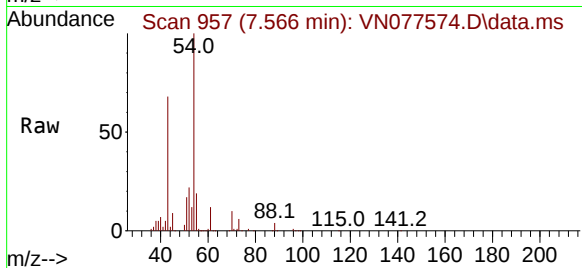
Tgt Ion: 43 Resp: 401632

Ion Ratio Lower Upper

43 100

61 16.0 13.2 19.8

70 15.7 11.3 16.9



#38

Carbon Tetrachloride

Concen: 49.863 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

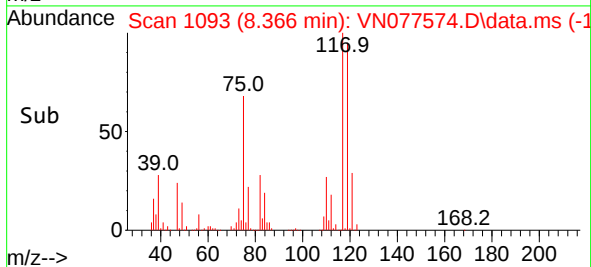
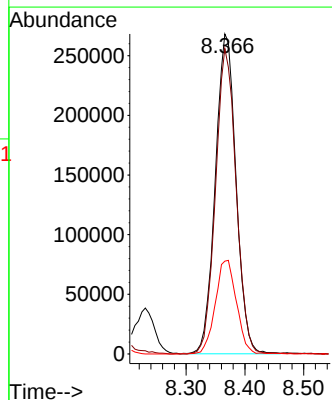
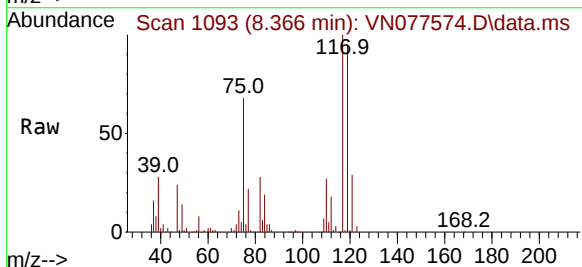
Tgt Ion: 117 Resp: 657042

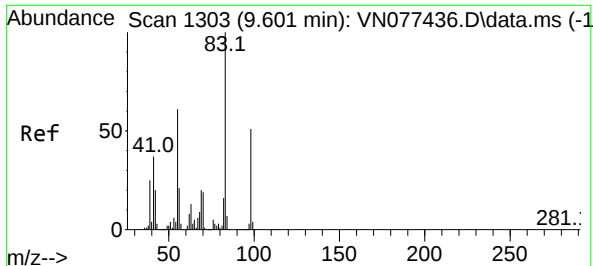
Ion Ratio Lower Upper

117 100

119 95.5 77.3 115.9

121 29.0 23.3 34.9





#39

Methylcyclohexane

Concen: 46.727 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

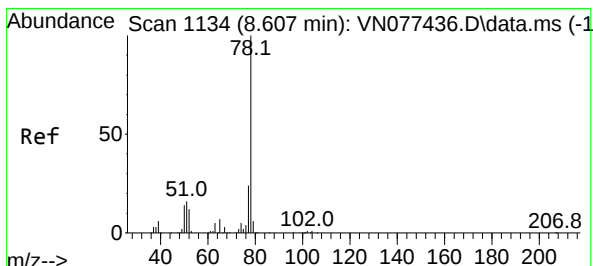
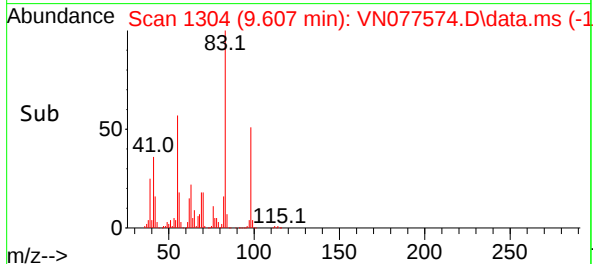
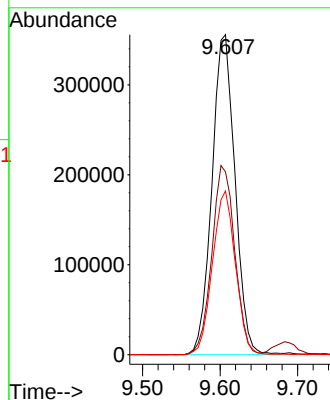
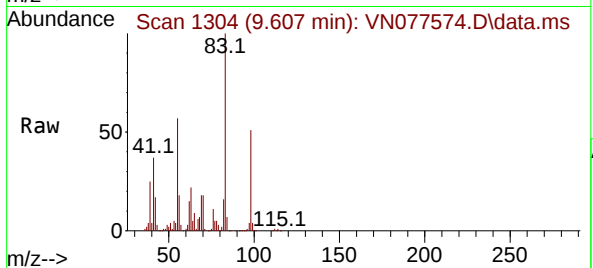
Tgt Ion: 83 Resp: 735250

Ion Ratio Lower Upper

83 100

55 57.1 49.1 73.7

98 51.1 40.6 61.0



#40

Benzene

Concen: 48.539 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077574.D

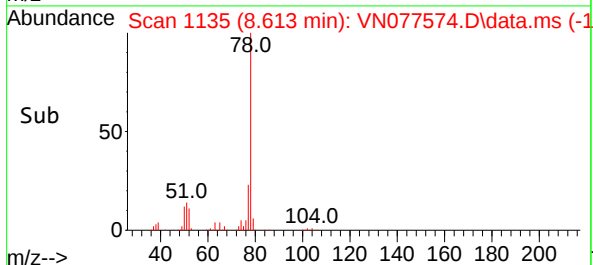
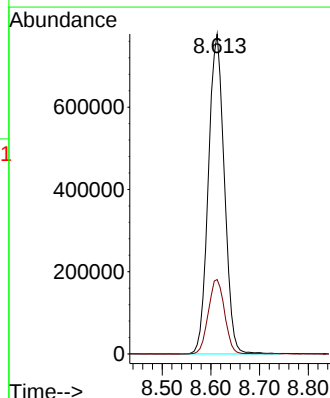
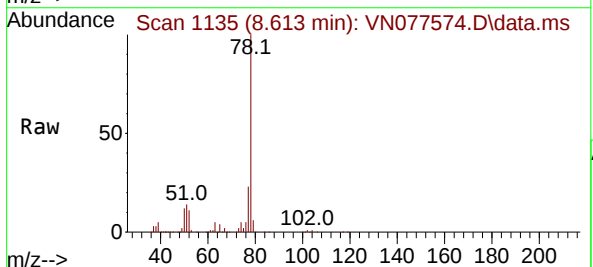
Acq: 03 May 2023 19:48

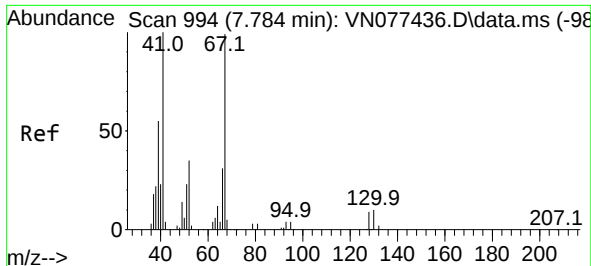
Tgt Ion: 78 Resp: 1766009

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

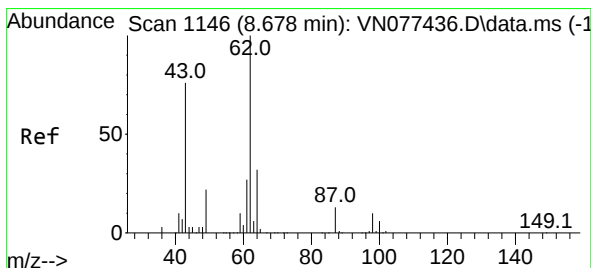
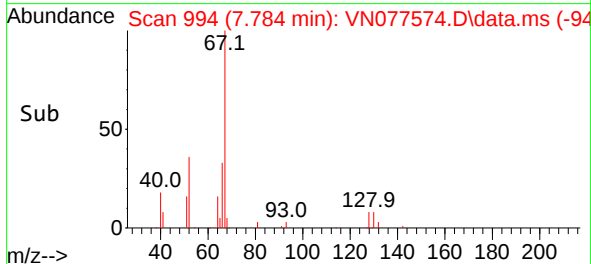
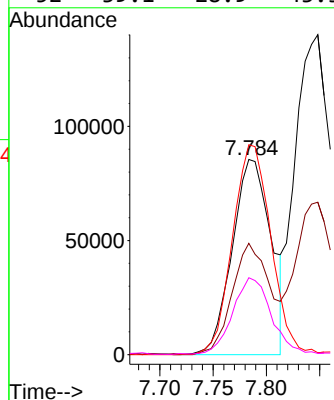
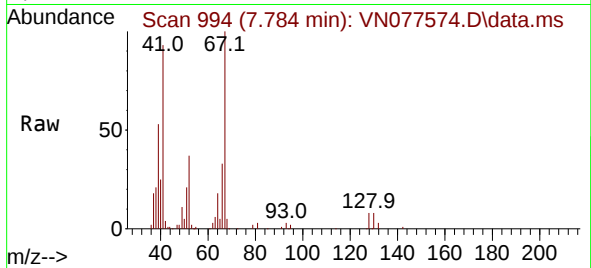




#41
Methacrylonitrile
Concen: 45.882 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

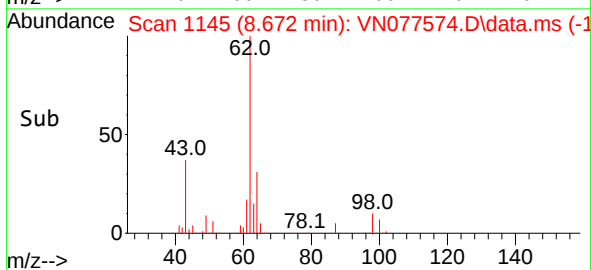
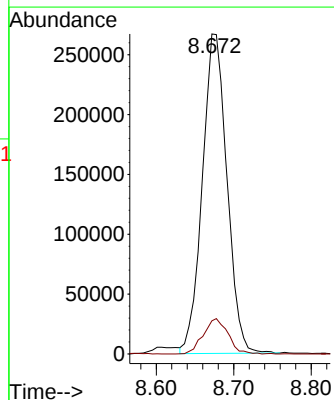
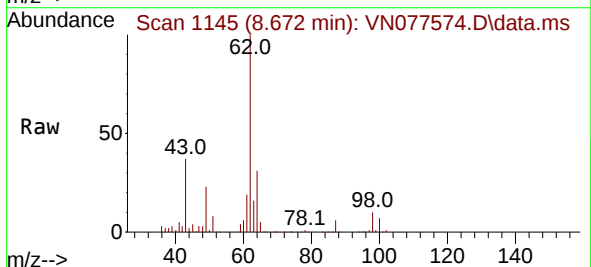
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

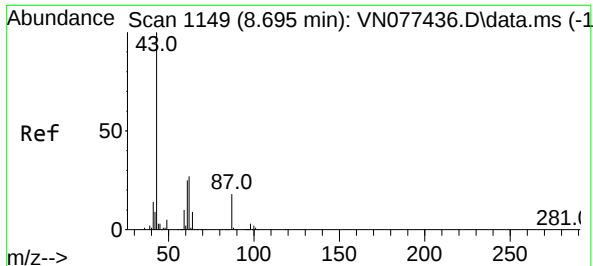
Tgt Ion:	41	Resp:	216871
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.6	64.0
67	106.5	77.5	116.3
52	39.1	28.9	43.3



#42
1,2-Dichloroethane
Concen: 47.157 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion:	62	Resp:	589292
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	19.8

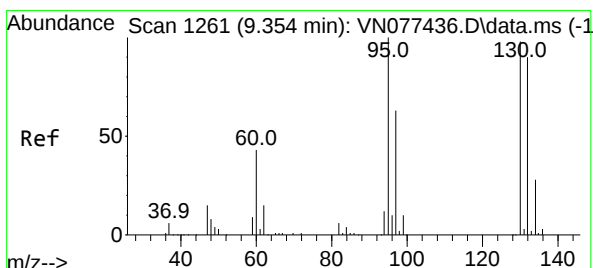
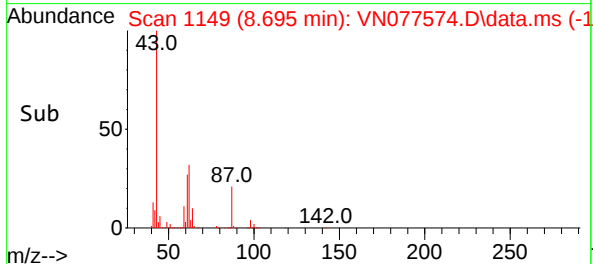
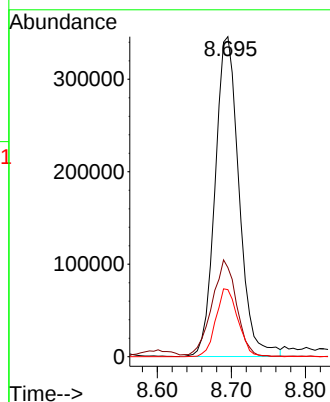
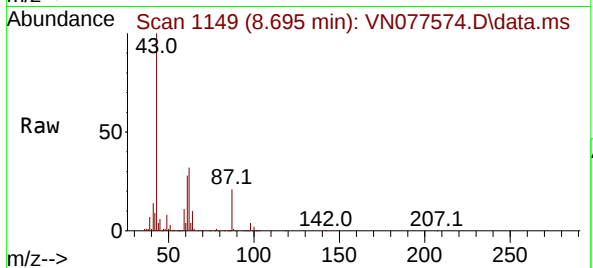




#43
Isopropyl Acetate
Concen: 49.541 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

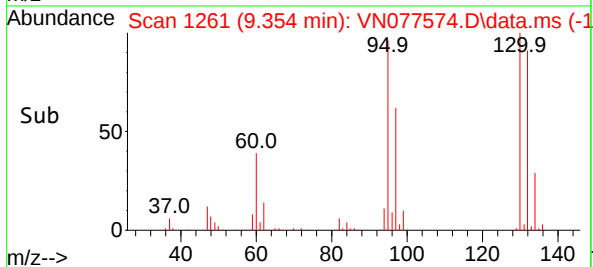
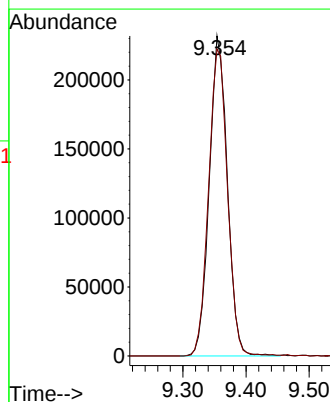
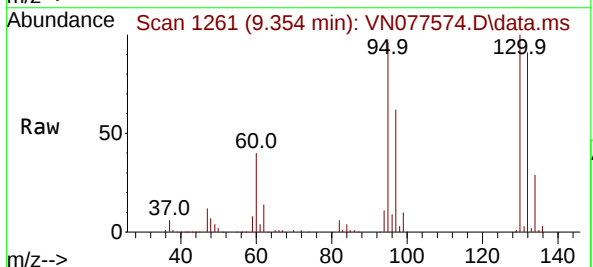
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

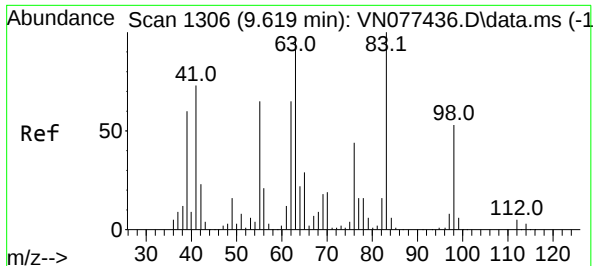
Tgt Ion: 43 Resp: 777807
Ion Ratio Lower Upper
43 100
61 30.9 24.7 37.1
87 19.7 14.6 21.8



#44
Trichloroethene
Concen: 49.568 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion:130 Resp: 461749
Ion Ratio Lower Upper
130 100
95 95.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 47.885 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

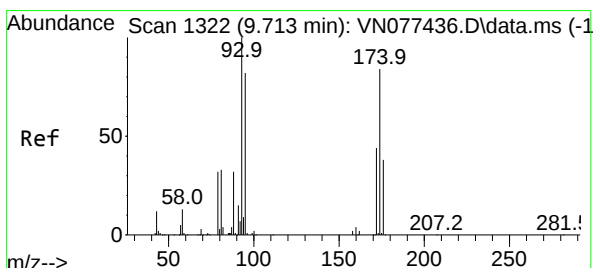
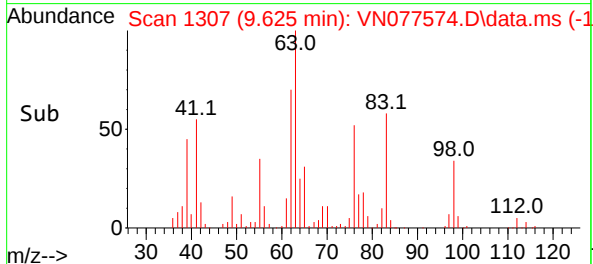
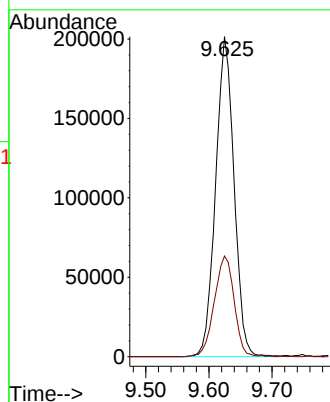
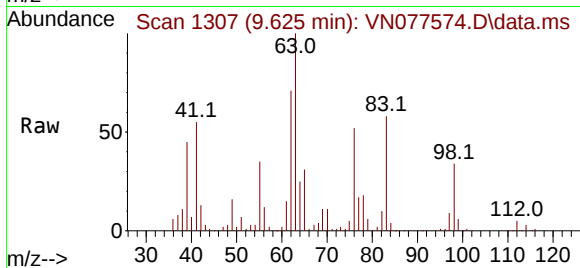
VSTDCCC050EC

Tgt Ion: 63 Resp: 408109

Ion Ratio Lower Upper

63 100

65 31.4 23.9 35.9



#46

Dibromomethane

Concen: 48.080 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

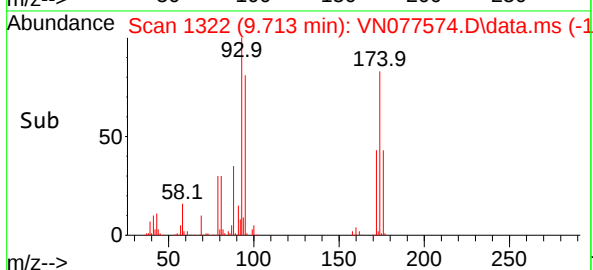
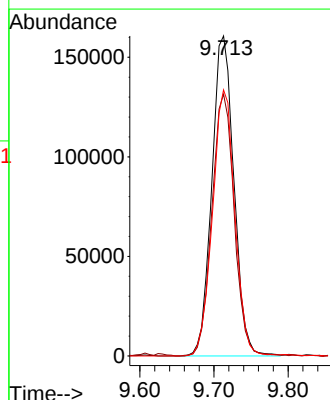
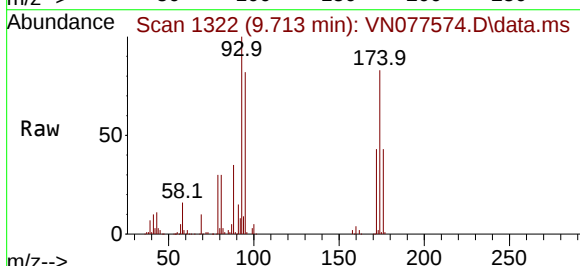
Tgt Ion: 93 Resp: 332491

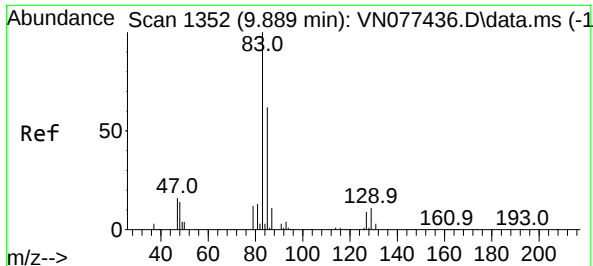
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 84.0 65.6 98.4





#47

Bromodichloromethane

Concen: 50.544 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

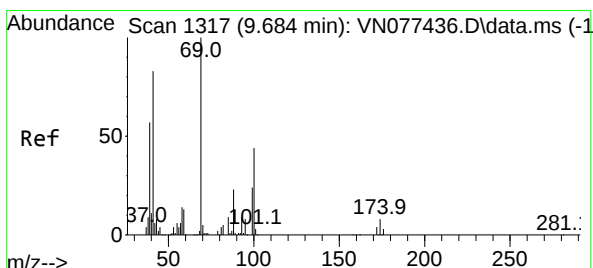
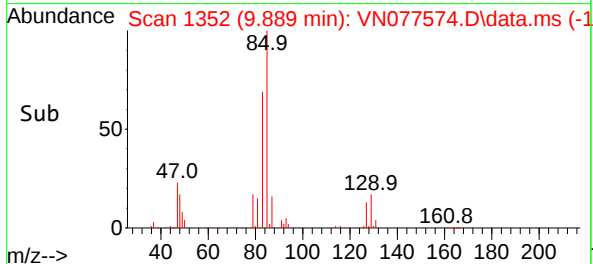
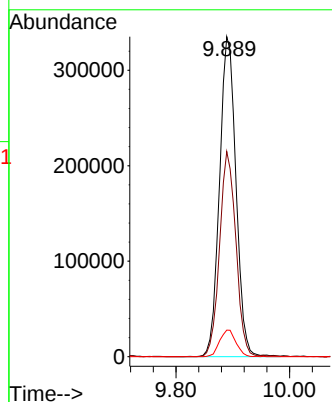
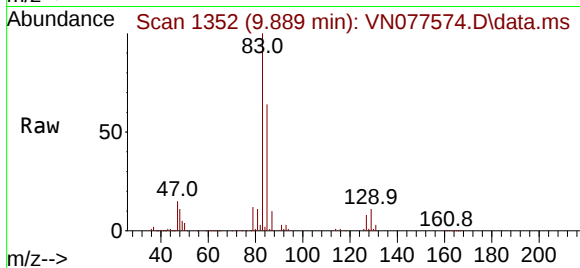
Tgt Ion: 83 Resp: 676106

Ion Ratio Lower Upper

83 100

85 64.1 49.6 74.4

127 8.3 7.0 10.6



#48

Methyl methacrylate

Concen: 44.520 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

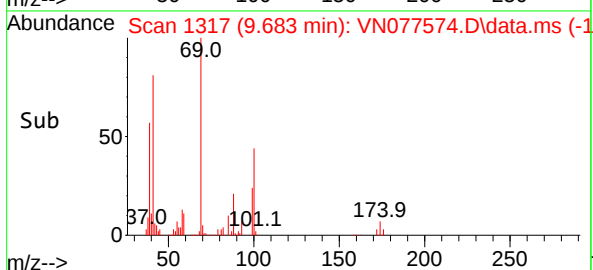
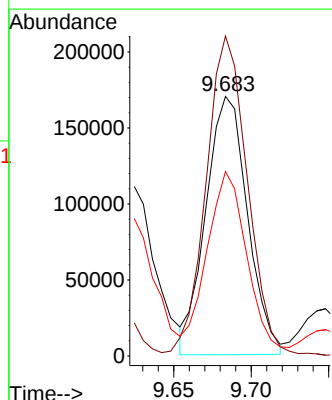
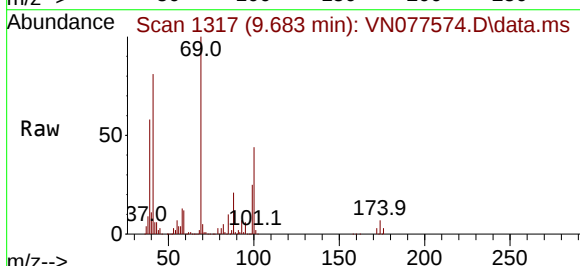
Tgt Ion: 41 Resp: 318166

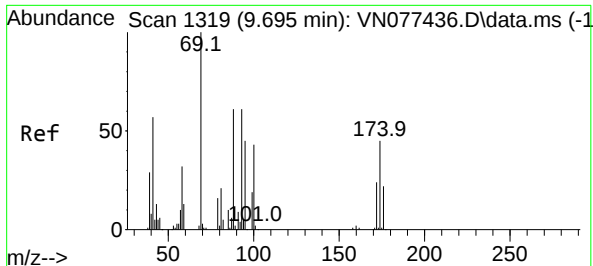
Ion Ratio Lower Upper

41 100

69 122.1 90.4 135.6

39 69.4 54.6 81.8





#49

1,4-Dioxane

Concen: 1030.299 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

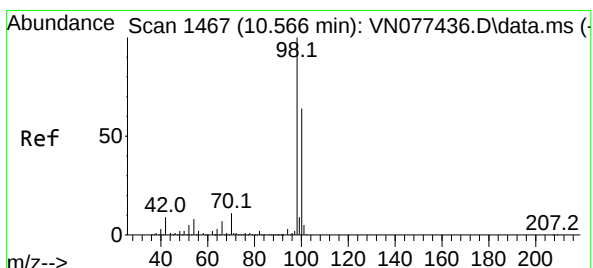
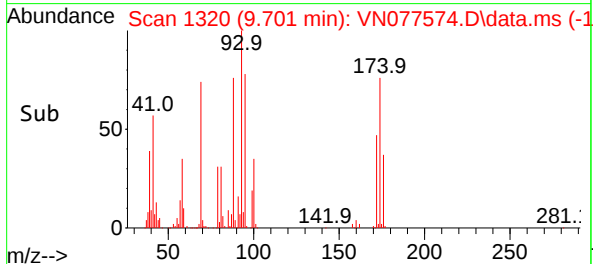
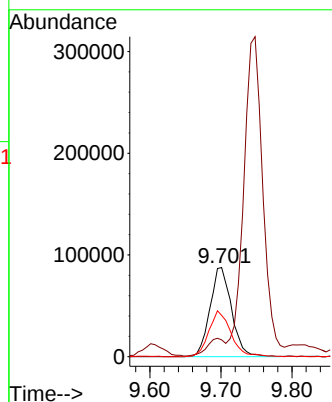
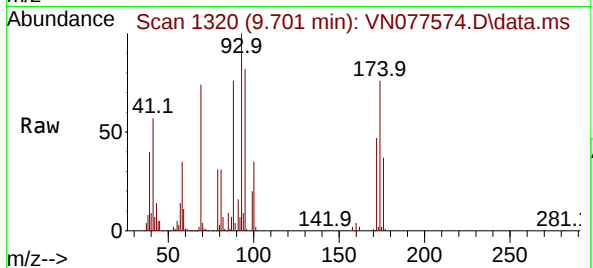
Tgt Ion: 88 Resp: 184693

Ion Ratio Lower Upper

88 100

43 16.4 17.0 25.6#

58 52.8 47.0 70.4



#50

Toluene-d8

Concen: 50.820 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077574.D

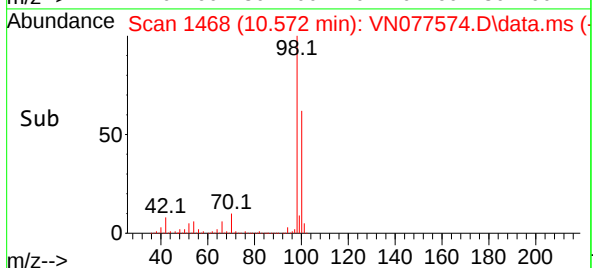
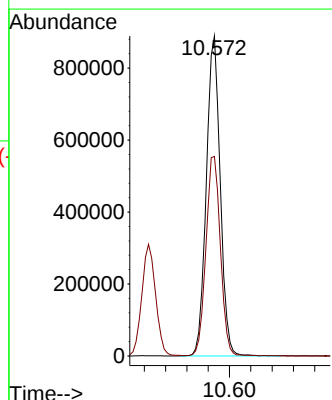
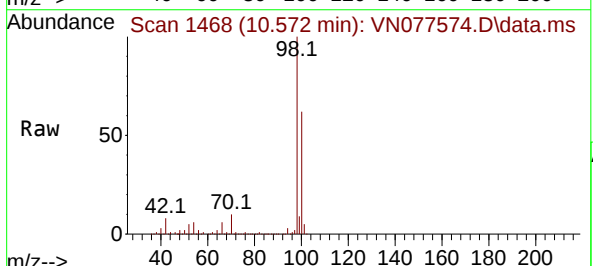
Acq: 03 May 2023 19:48

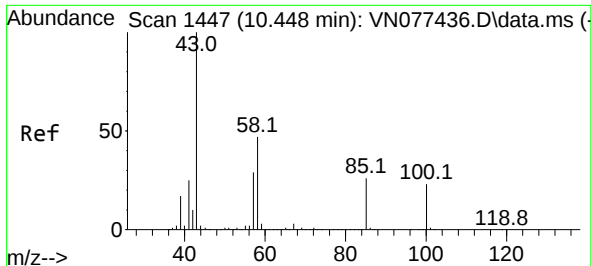
Tgt Ion: 98 Resp: 1610116

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

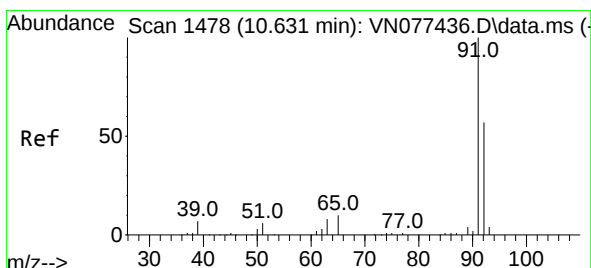
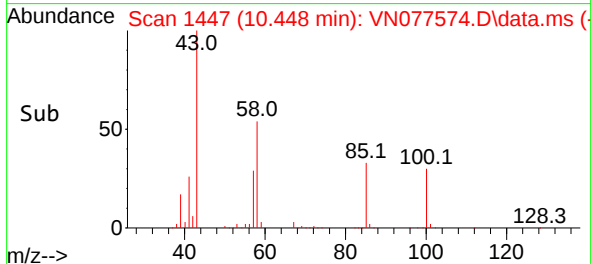
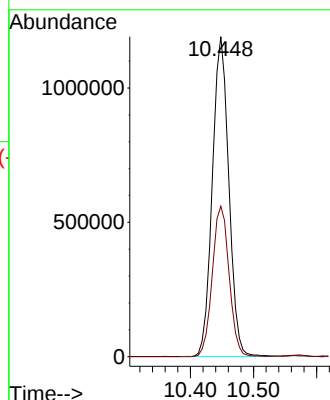
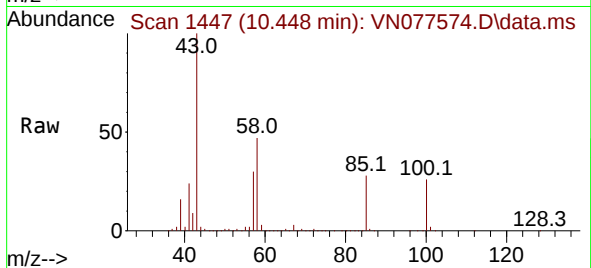




#51
4-Methyl-2-Pentanone
Concen: 234.285 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

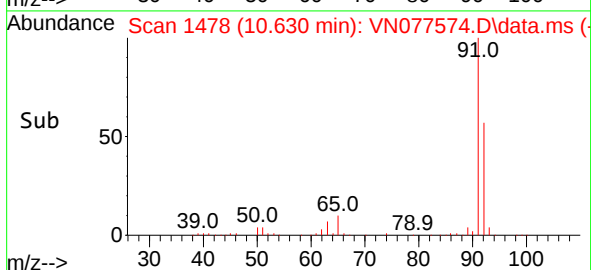
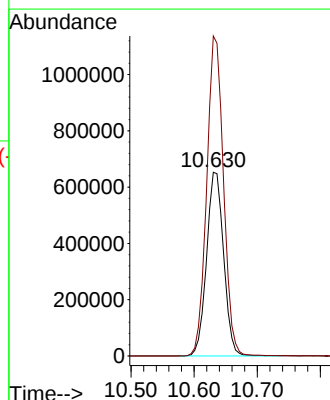
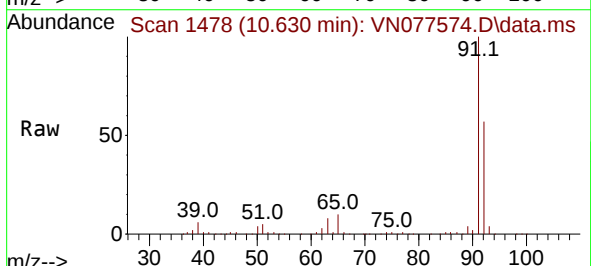
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

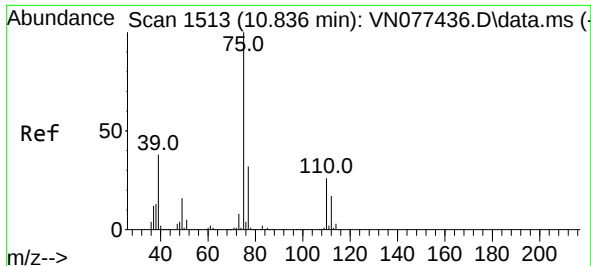
Tgt Ion: 43 Resp: 2157518
Ion Ratio Lower Upper
43 100
58 48.0 36.6 54.8



#52
Toluene
Concen: 51.365 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 92 Resp: 1224269
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0

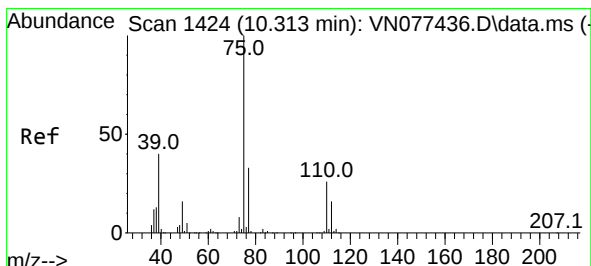
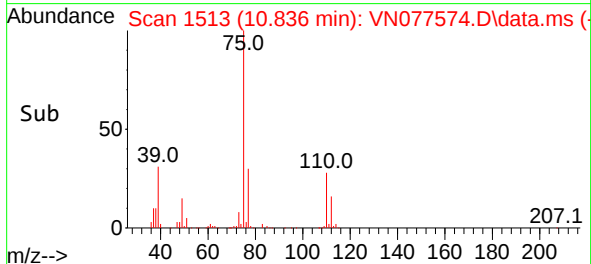
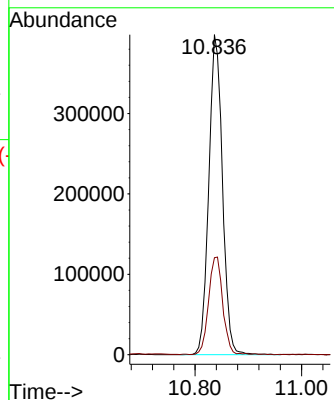
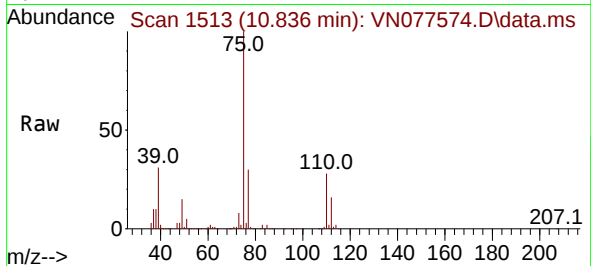




#53
t-1,3-Dichloropropene
Concen: 52.280 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

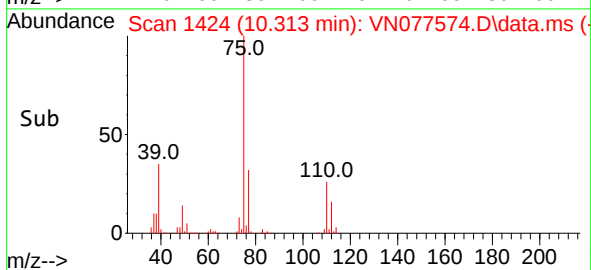
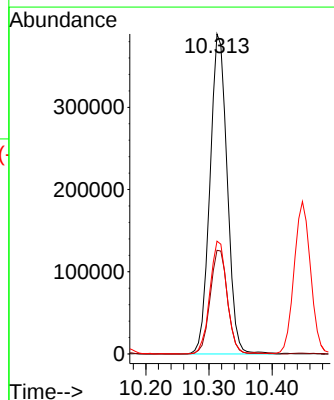
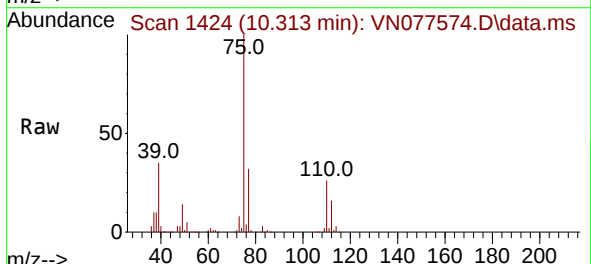
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

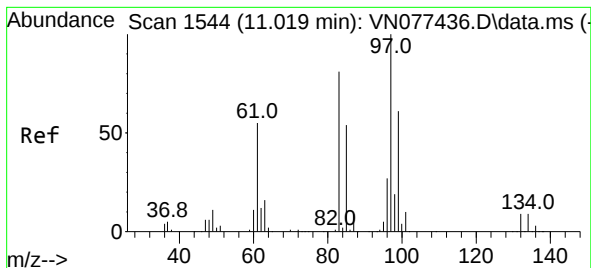
Tgt Ion: 75 Resp: 708126
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 50.034 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 75 Resp: 737664
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 35.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 50.678 ug/l

RT: 11.019 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 485726

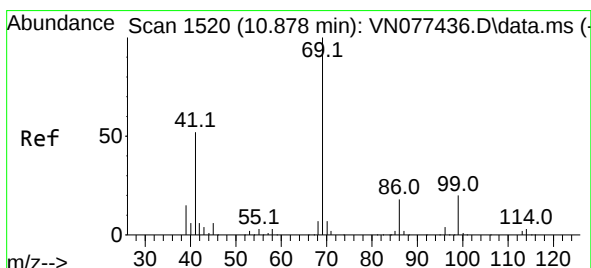
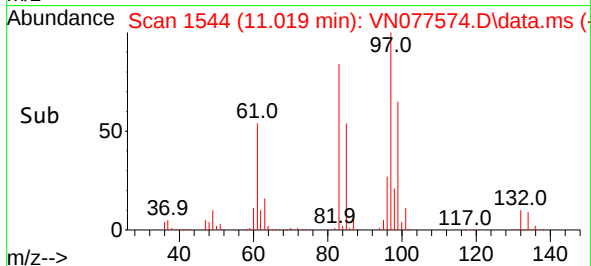
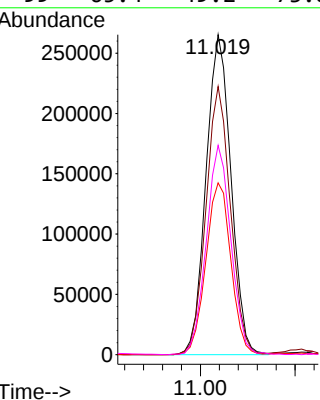
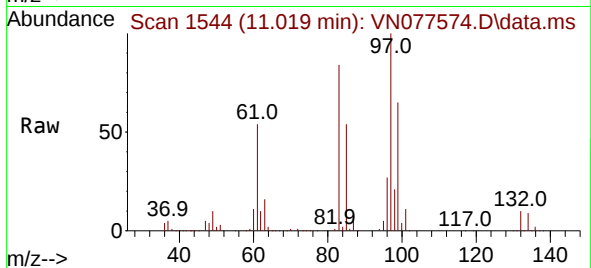
Ion Ratio Lower Upper

97 100

83 83.7 65.1 97.7

85 53.7 43.4 65.2

99 65.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 52.178 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

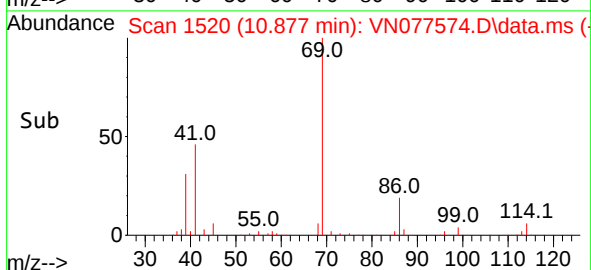
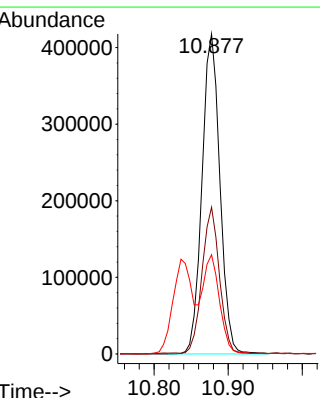
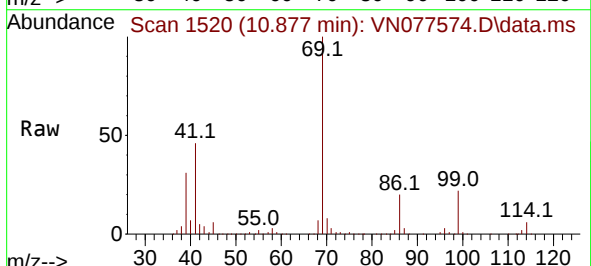
Tgt Ion: 69 Resp: 700756

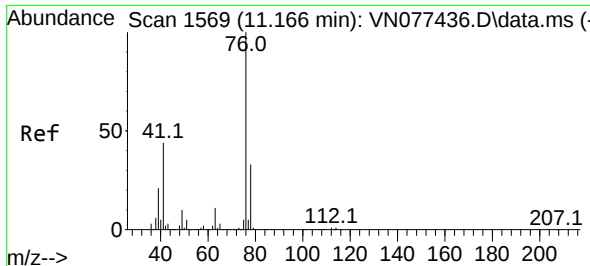
Ion Ratio Lower Upper

69 100

41 45.2 39.6 59.4

39 27.8 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 51.468 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

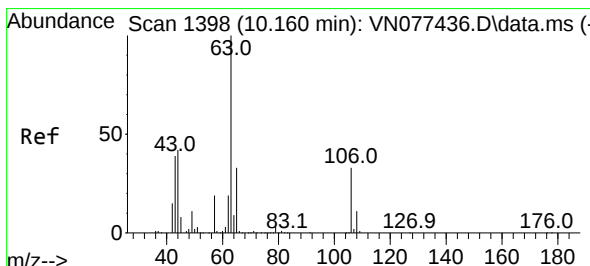
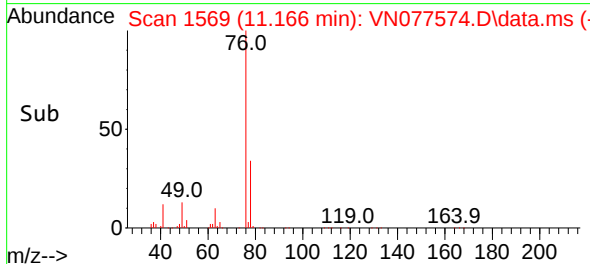
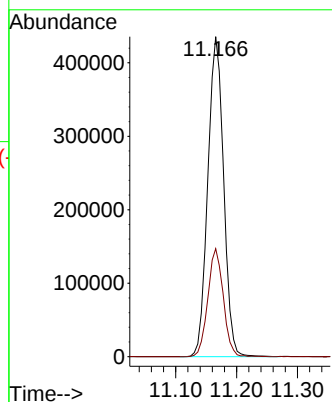
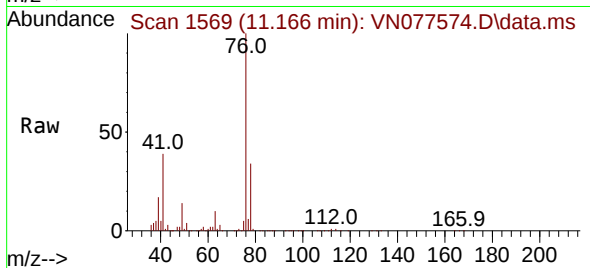
VSTDCCC050EC

Tgt Ion: 76 Resp: 785756

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 272.197 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077574.D

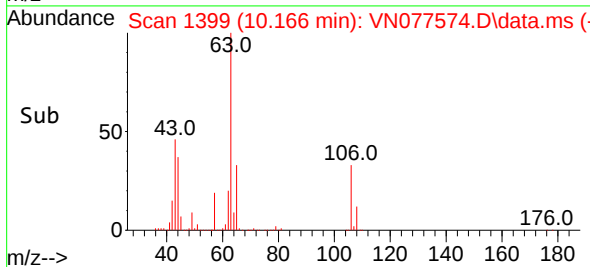
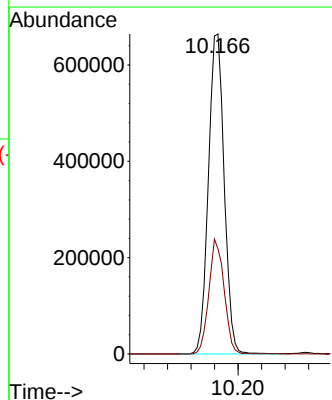
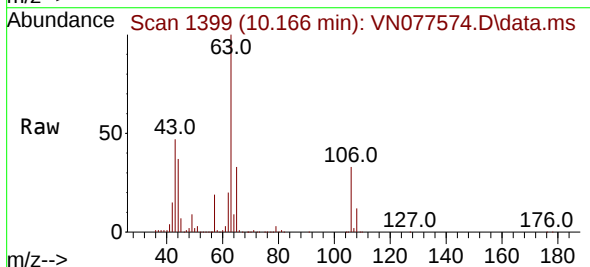
Acq: 03 May 2023 19:48

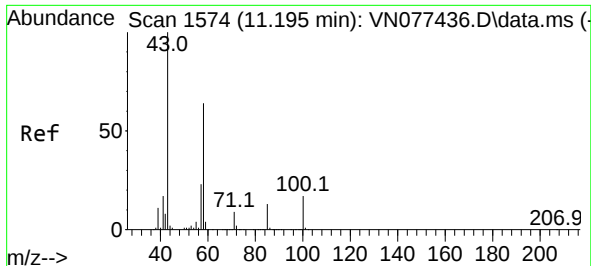
Tgt Ion: 63 Resp: 1236469

Ion Ratio Lower Upper

63 100

106 34.6 26.2 39.4

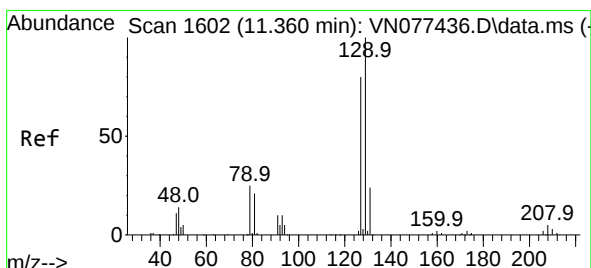
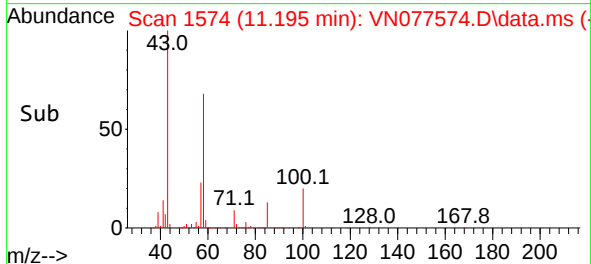
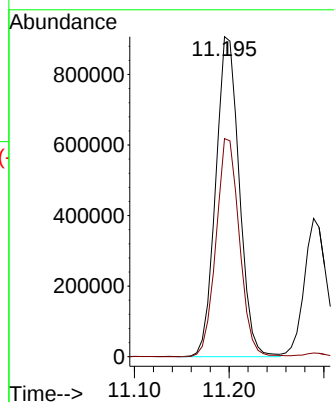
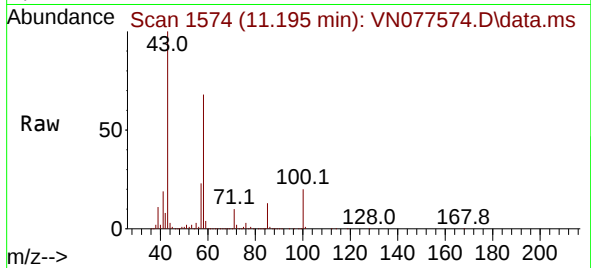




#59
2-Hexanone
Concen: 234.493 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

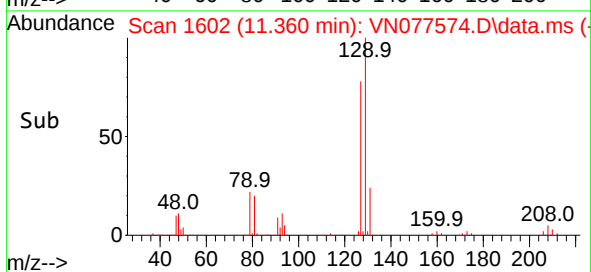
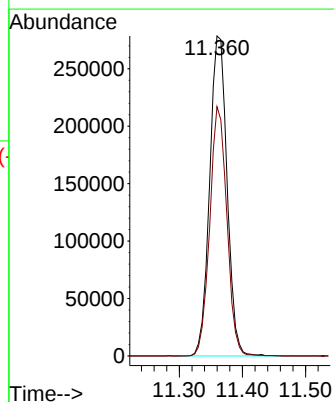
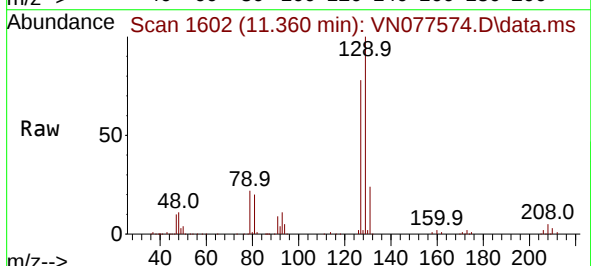
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

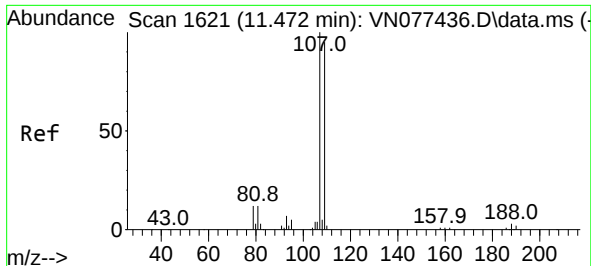
Tgt Ion: 43 Resp: 1569670
Ion Ratio Lower Upper
43 100
58 67.6 31.7 95.1



#60
Dibromochloromethane
Concen: 53.566 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 129 Resp: 532830
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0

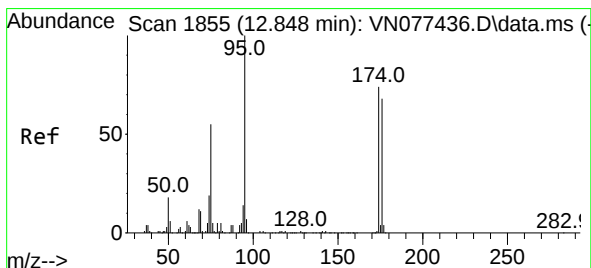
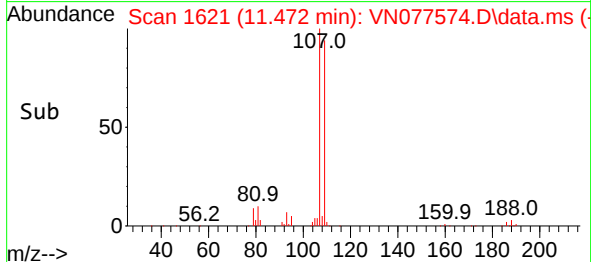
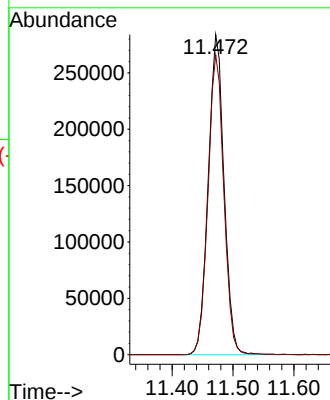
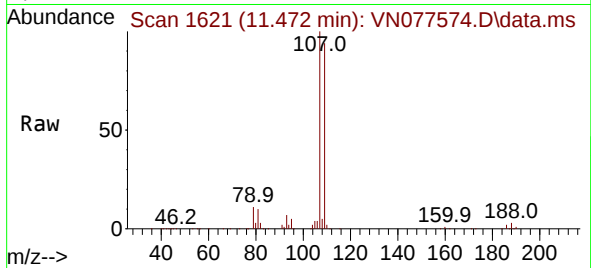




#61
1,2-Dibromoethane
Concen: 52.486 ug/l
RT: 11.472 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

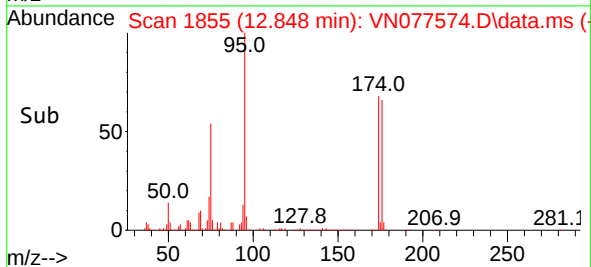
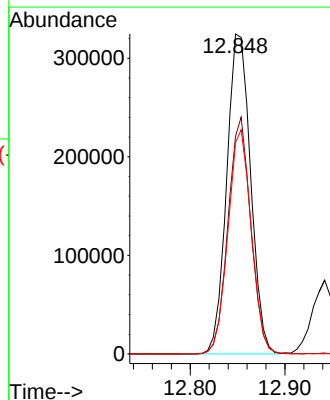
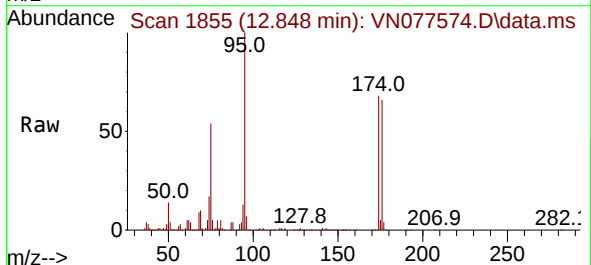
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

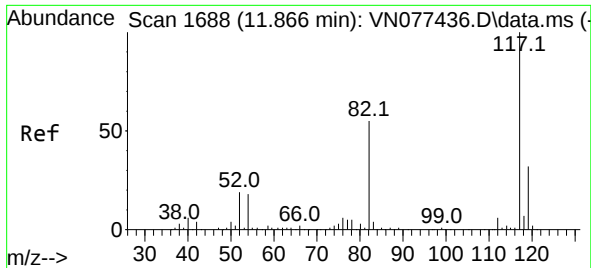
Tgt Ion:107 Resp: 513588
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.842 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 95 Resp: 568481
Ion Ratio Lower Upper
95 100
174 70.6 0.0 143.8
176 68.4 0.0 135.8

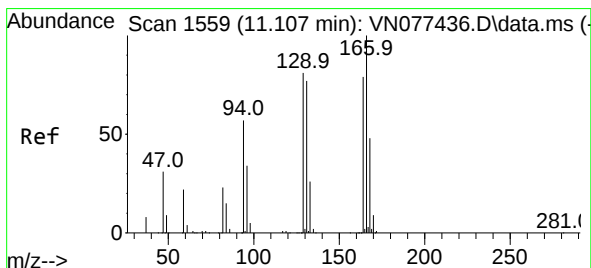
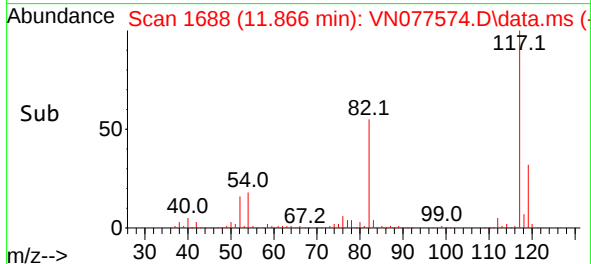
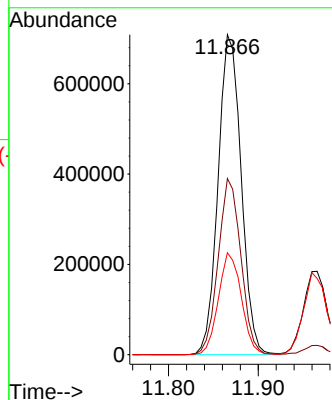
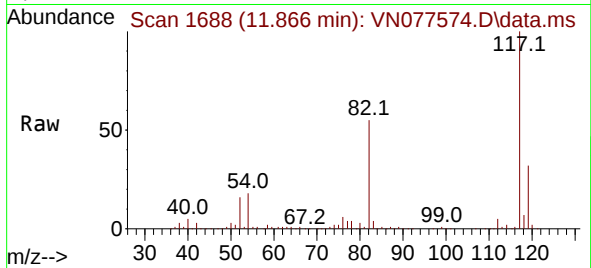




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

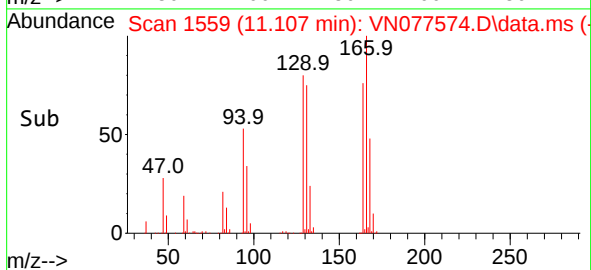
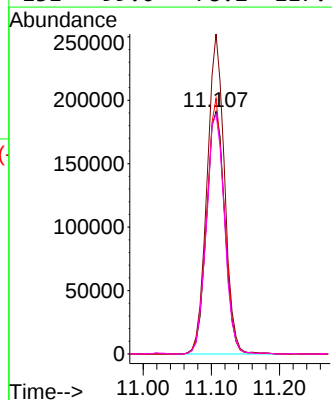
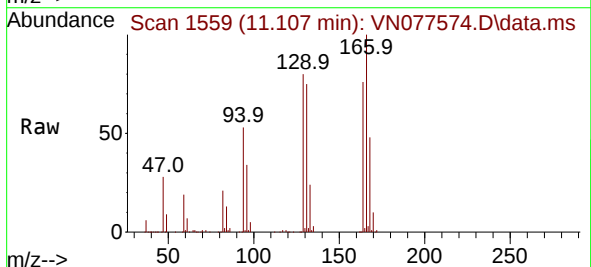
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

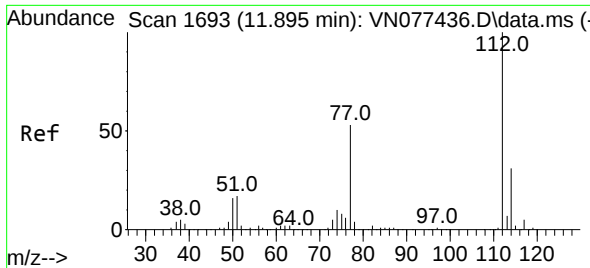
Tgt Ion:117 Resp: 1266630
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 46.994 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion:164 Resp: 356318
Ion Ratio Lower Upper
164 100
166 132.0 101.4 152.0
129 105.4 82.4 123.6
131 99.0 78.2 117.4

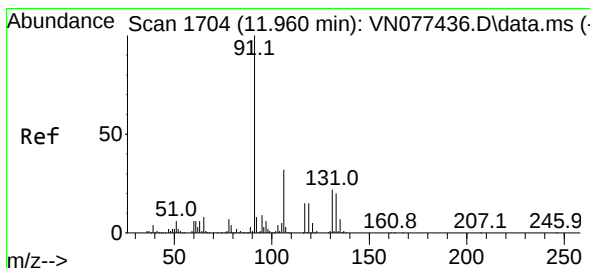
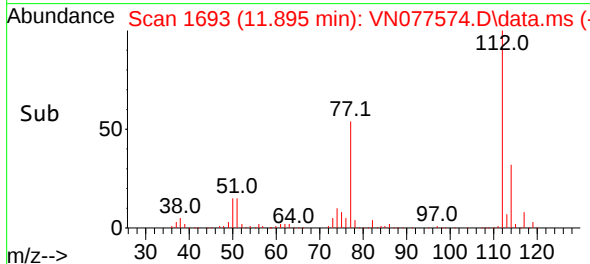
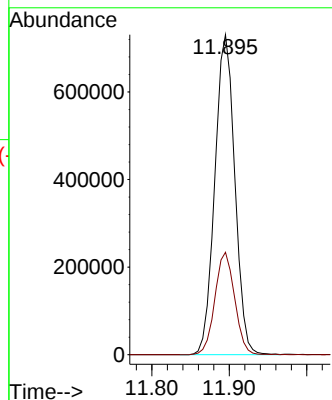
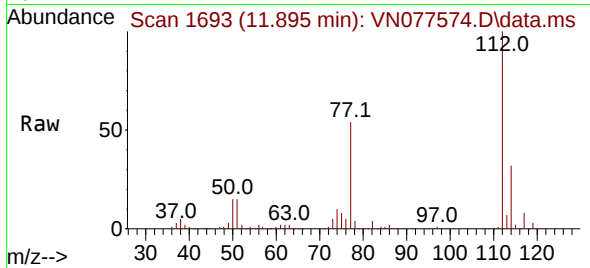




#65
Chlorobenzene
Concen: 48.873 ug/l
RT: 11.895 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

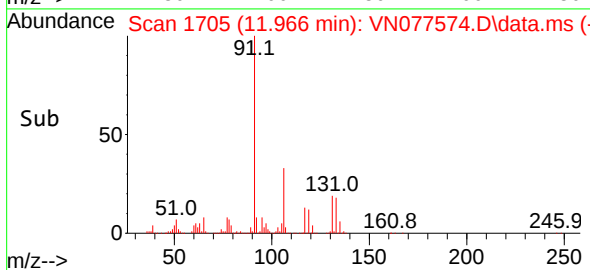
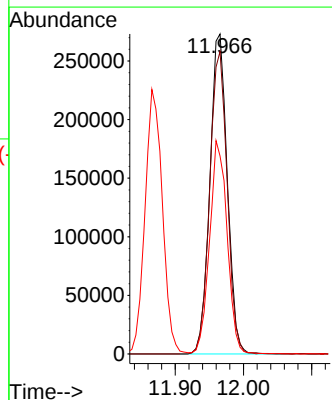
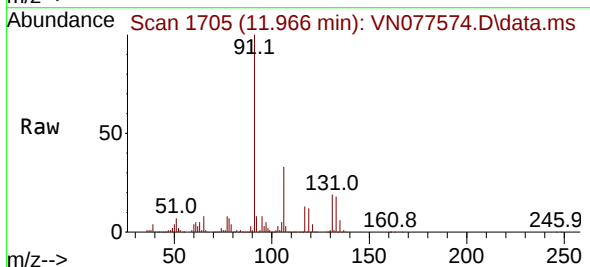
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

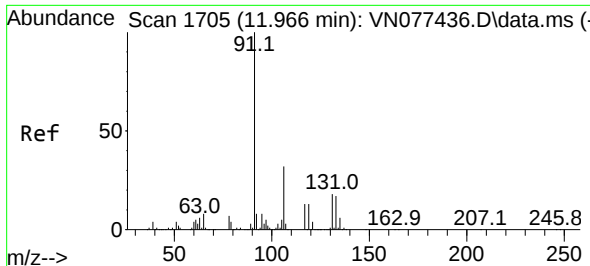
Tgt Ion:112 Resp: 1309947
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.849 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion:131 Resp: 486110
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 66.8 34.1 102.2

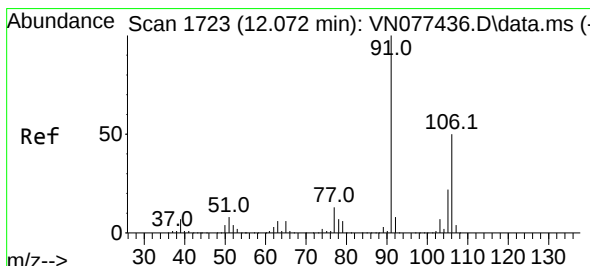
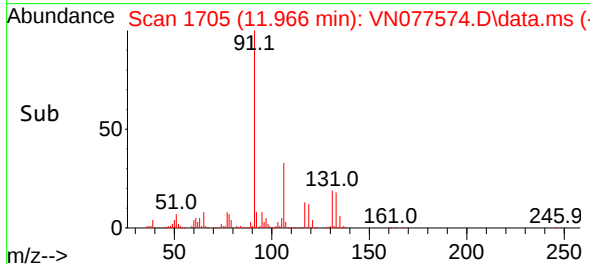
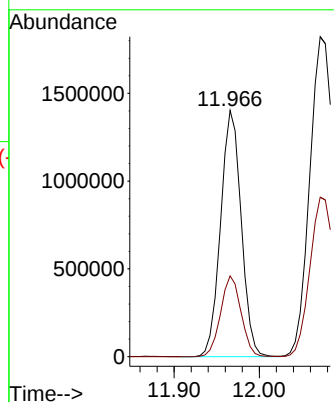
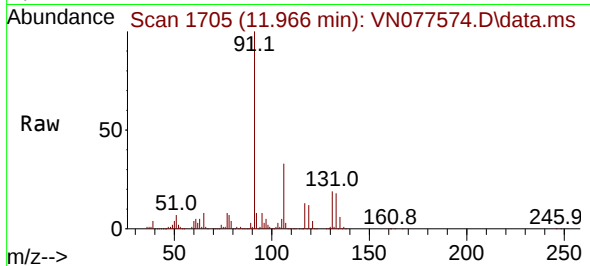




#67
Ethyl Benzene
Concen: 50.030 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

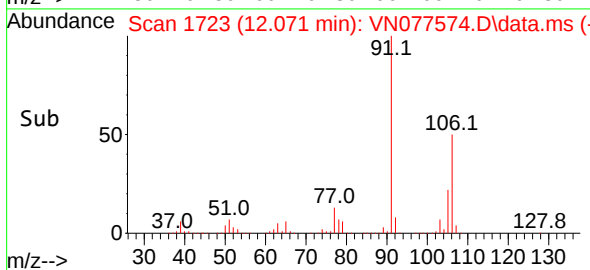
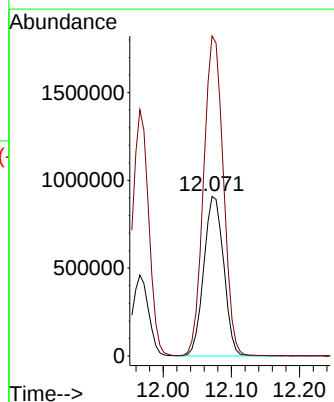
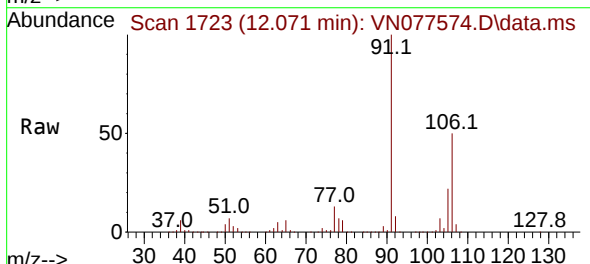
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

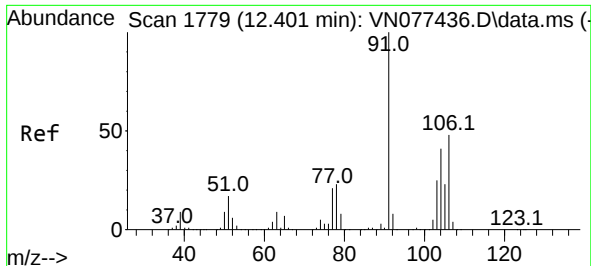
Tgt Ion: 91 Resp: 2360575
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4



#68
m/p-Xylenes
Concen: 100.503 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 106 Resp: 1843030
Ion Ratio Lower Upper
106 100
91 199.2 159.6 239.4

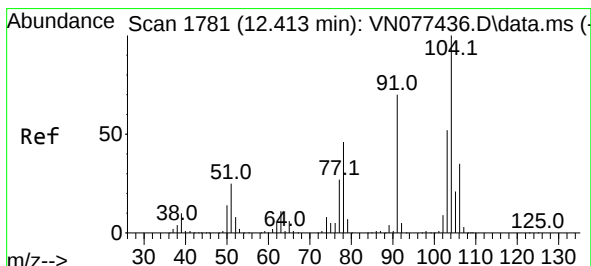
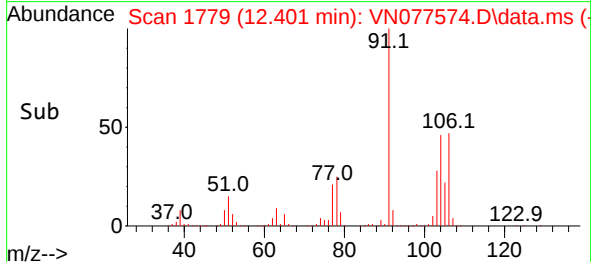
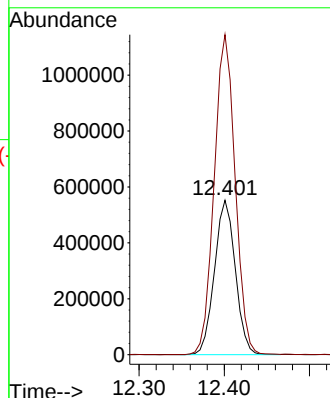
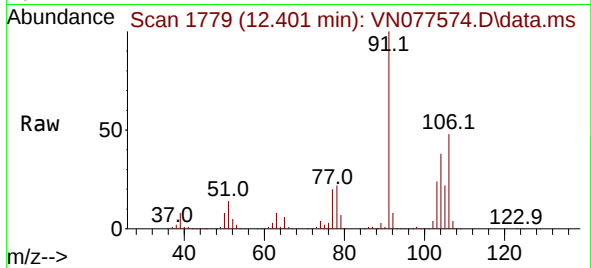




#69
o-Xylene
Concen: 52.072 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

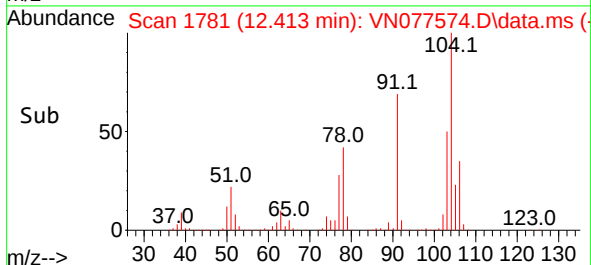
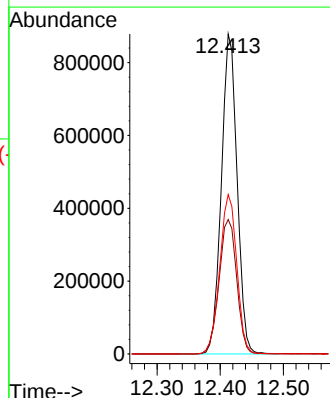
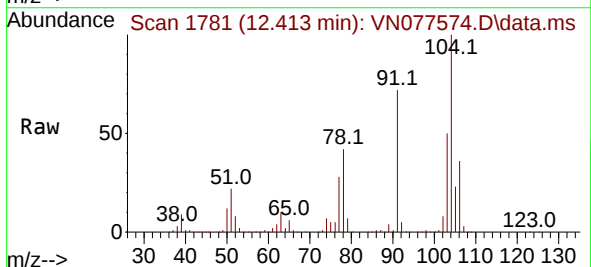
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

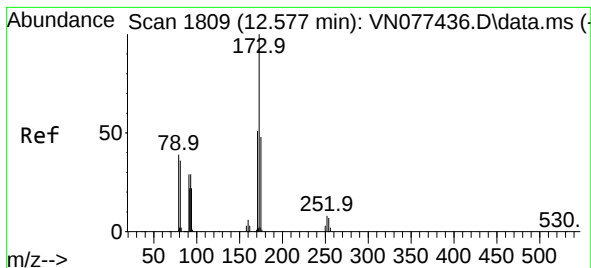
Tgt Ion:106 Resp: 939243
Ion Ratio Lower Upper
106 100
91 208.5 105.2 315.5



#70
Styrene
Concen: 53.979 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion:104 Resp: 1522653
Ion Ratio Lower Upper
104 100
78 47.2 39.5 59.3
103 54.0 43.2 64.8





#71

Bromoform

Concen: 52.413 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

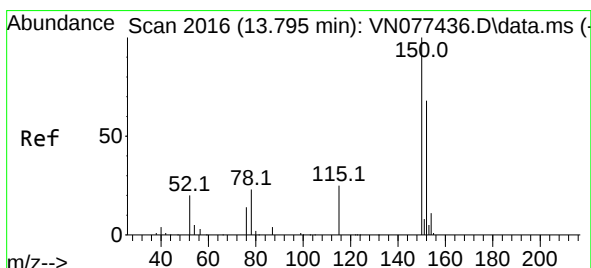
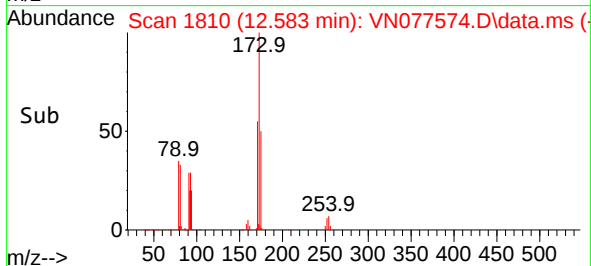
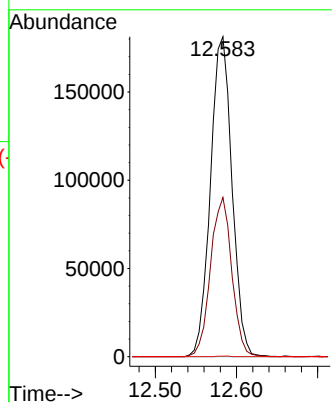
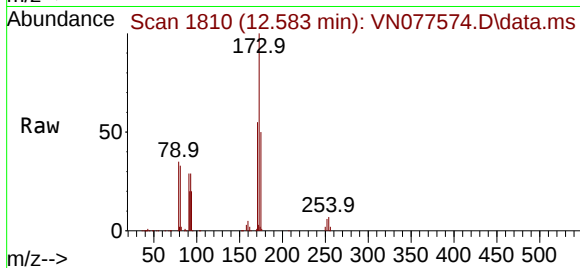
Tgt Ion:173 Resp: 334390

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

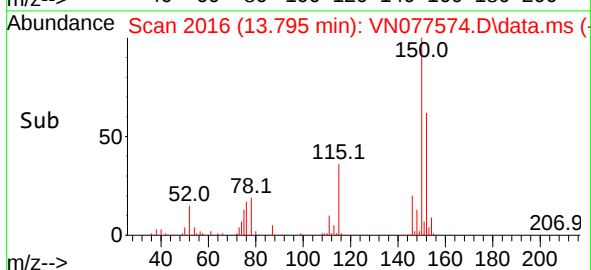
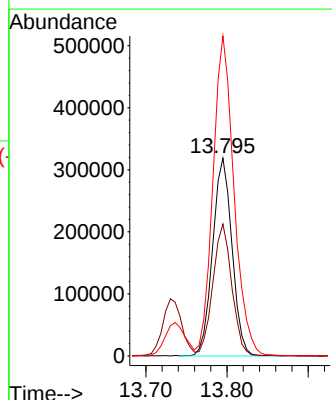
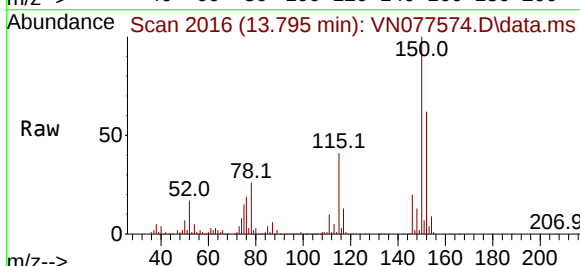
Tgt Ion:152 Resp: 529449

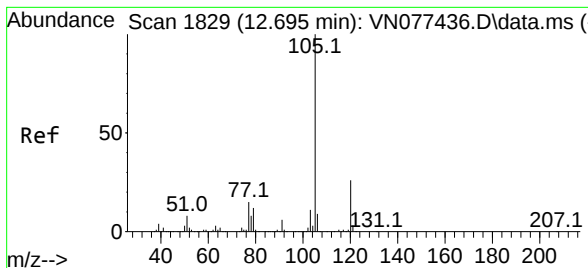
Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 175.2 0.0 355.8





#73

Isopropylbenzene

Concen: 49.451 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

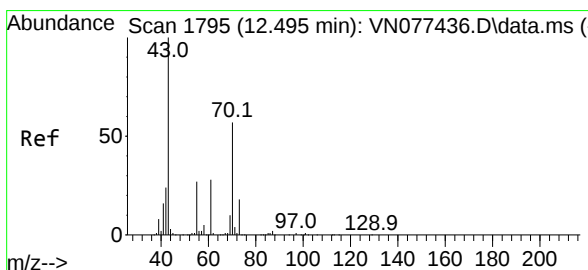
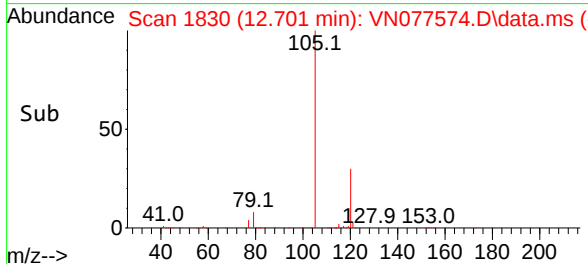
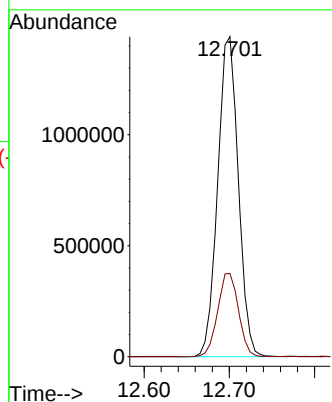
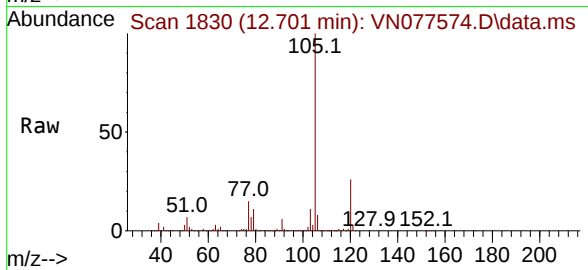
VSTDCCC050EC

Tgt Ion:105 Resp: 2429564

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#74

N-ethyl acetate

Concen: 42.915 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Tgt Ion: 43 Resp: 624216

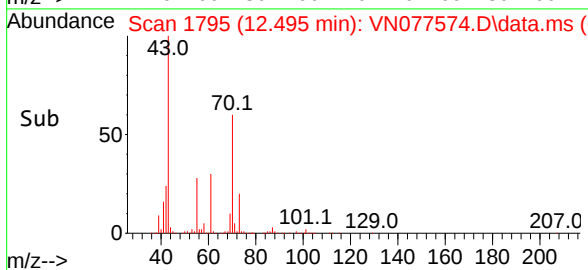
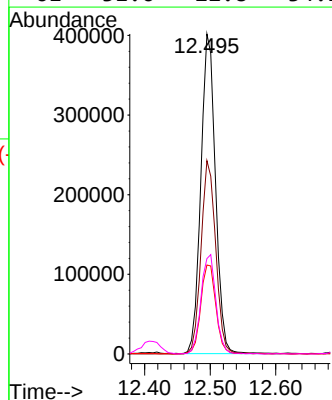
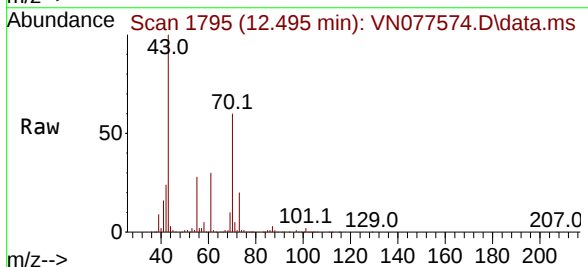
Ion Ratio Lower Upper

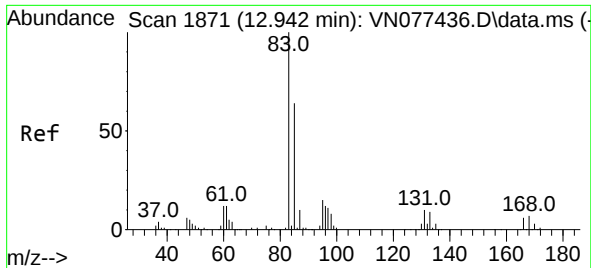
43 100

70 60.8 43.4 65.2

55 28.7 21.4 32.0

61 31.6 22.8 34.2

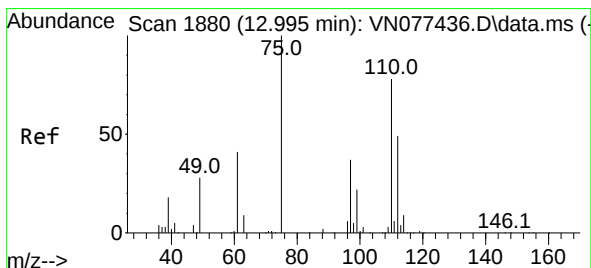
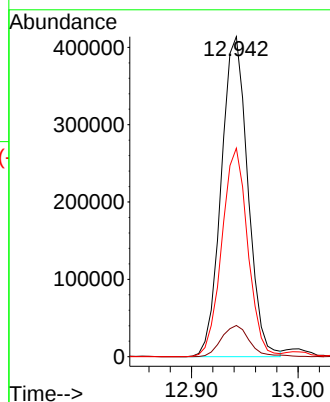
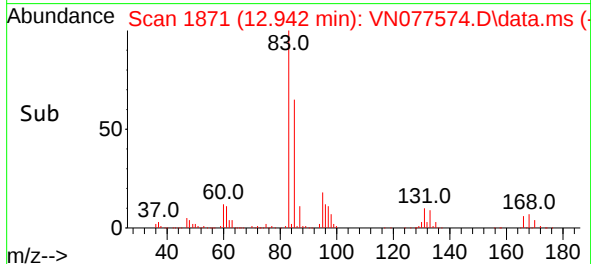
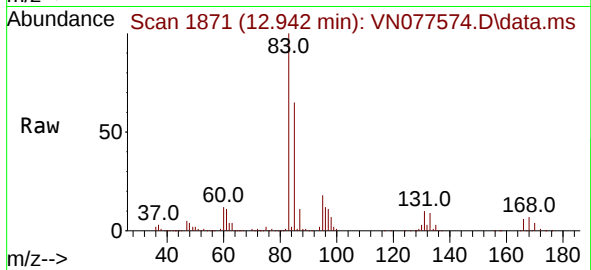




#75
1,1,2,2-Tetrachloroethane
Concen: 46.449 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

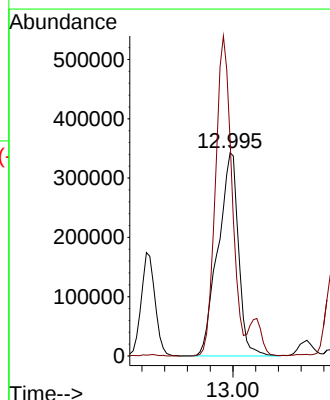
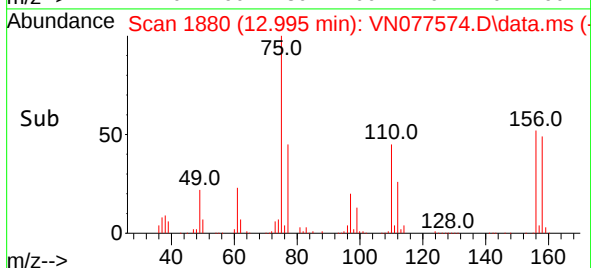
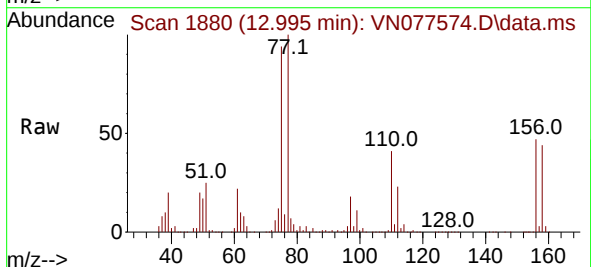
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

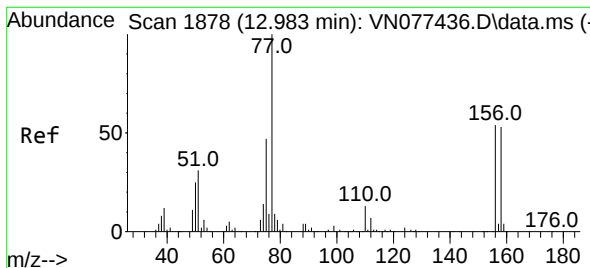
Tgt Ion: 83 Resp: 717041
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.803 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 75 Resp: 859403
Ion Ratio Lower Upper
75 100
77 126.5 84.5 253.5





#77

Bromobenzene

Concen: 47.672 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

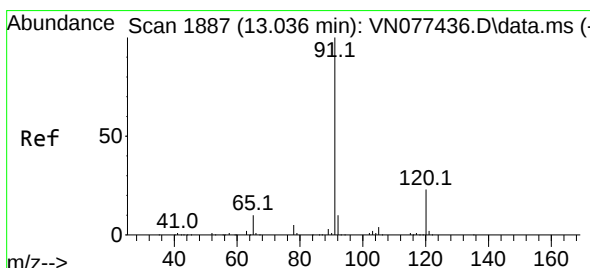
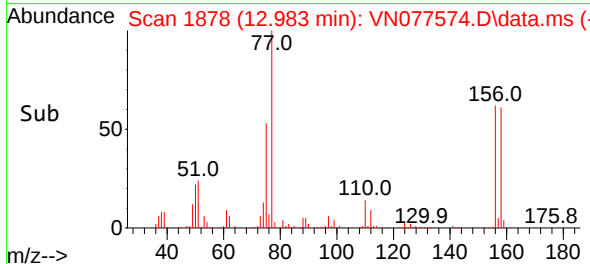
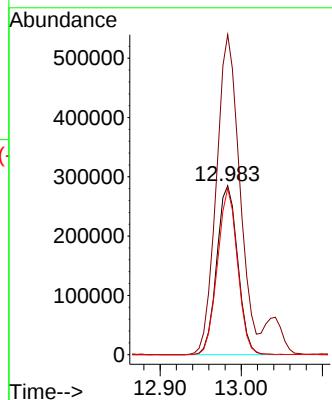
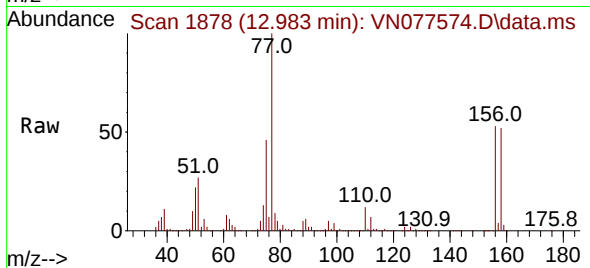
Tgt Ion:156 Resp: 510456

Ion Ratio Lower Upper

156 100

77 213.0 107.7 323.3

158 94.5 48.4 145.3



#78

n-propylbenzene

Concen: 49.960 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VN077574.D

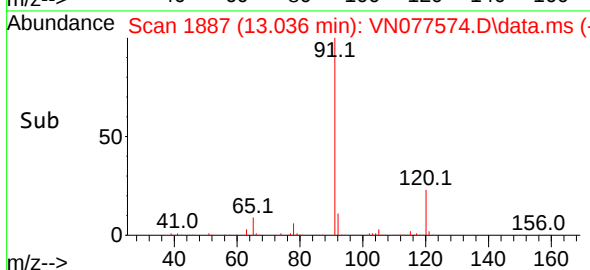
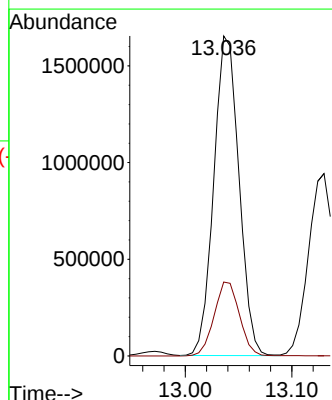
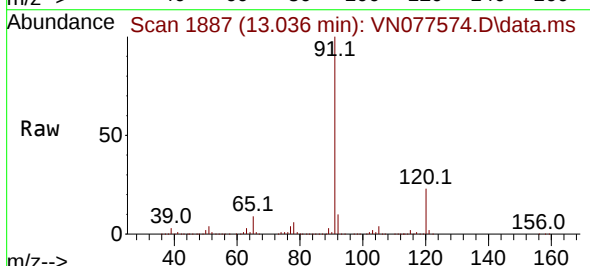
Acq: 03 May 2023 19:48

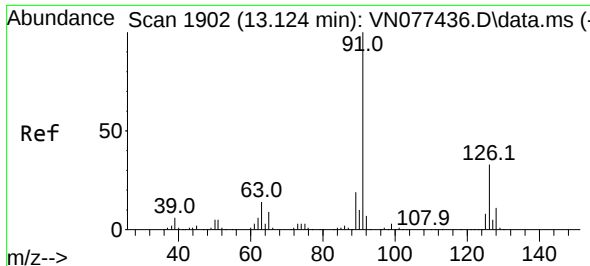
Tgt Ion: 91 Resp: 2714029

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.934 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

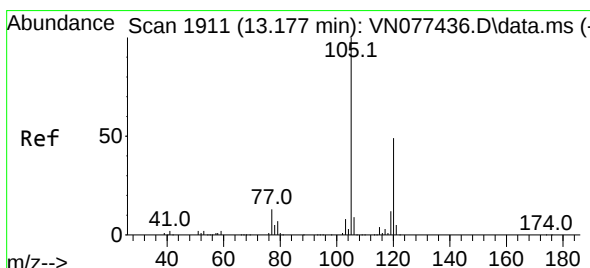
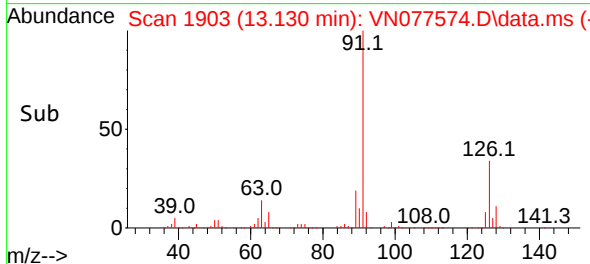
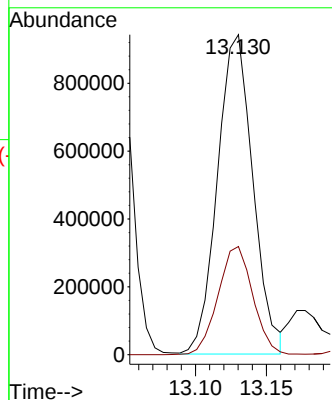
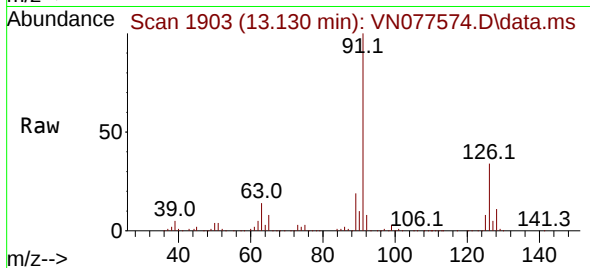
VSTDCCC050EC

Tgt Ion: 91 Resp: 1638951

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 55.529 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077574.D

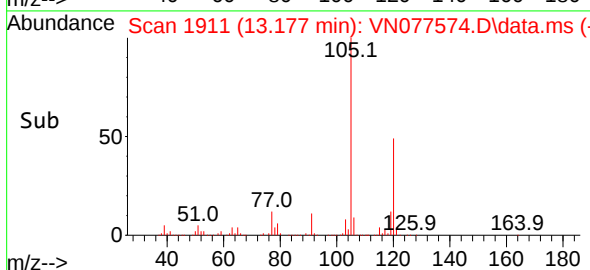
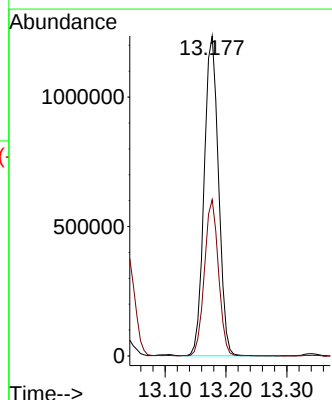
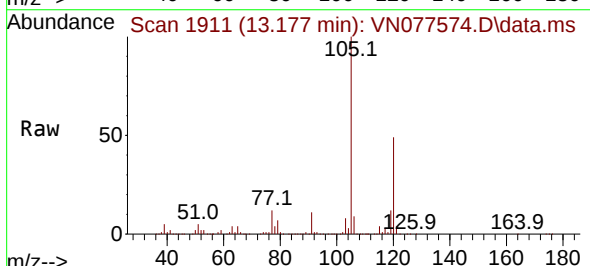
Acq: 03 May 2023 19:48

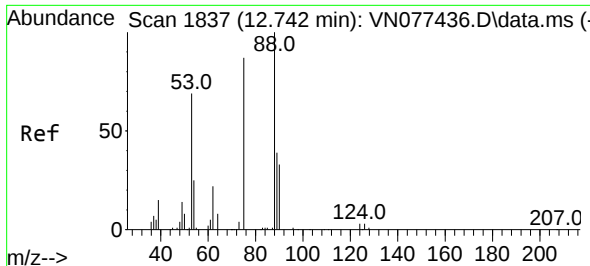
Tgt Ion:105 Resp: 2026042

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3

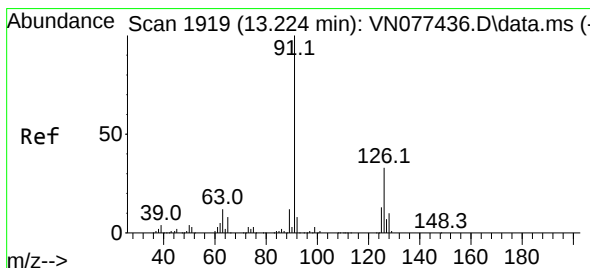
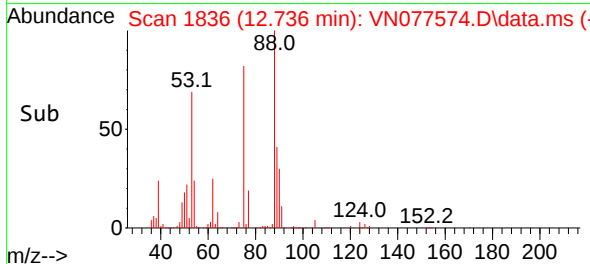
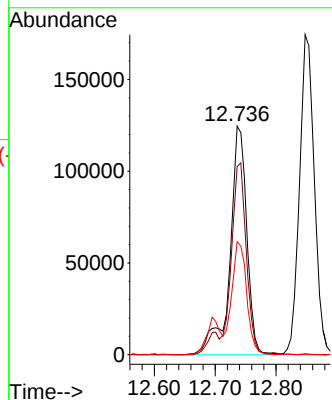
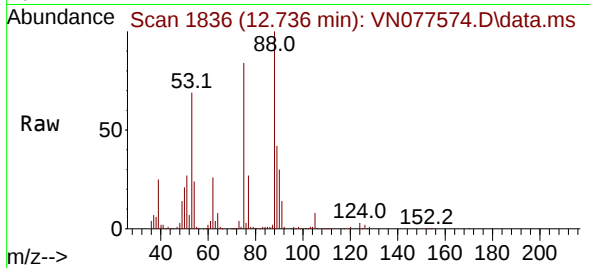




#81
trans-1,4-Dichloro-2-butene
Concen: 55.462 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

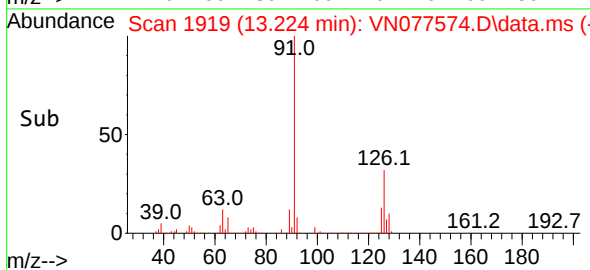
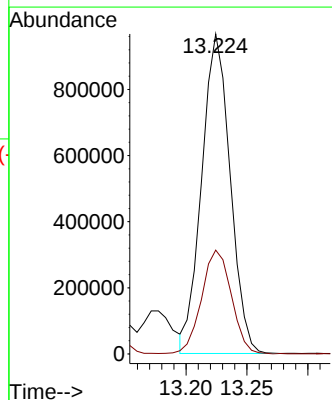
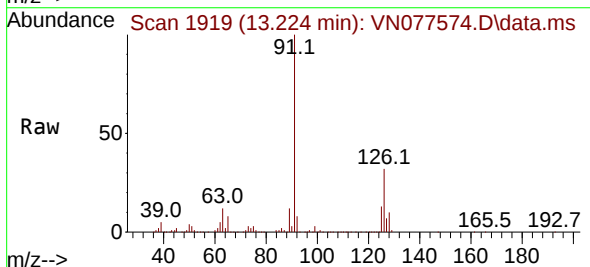
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

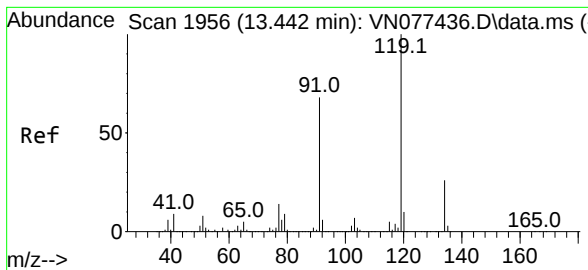
Tgt Ion: 75 Resp: 241697
Ion Ratio Lower Upper
75 100
53 72.3 67.4 101.2
89 43.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.182 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 91 Resp: 1570557
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

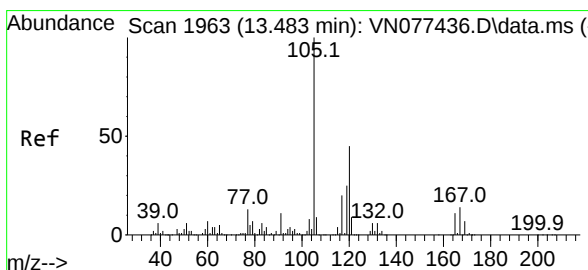
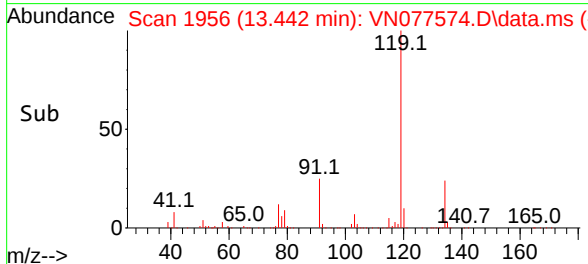
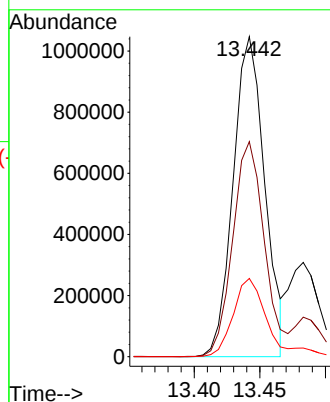
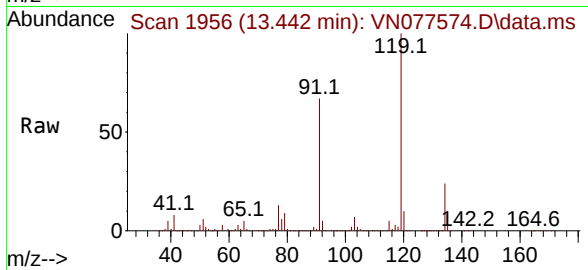




#83
tert-Butylbenzene
Concen: 49.503 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

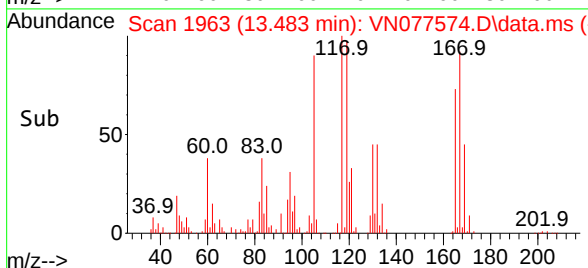
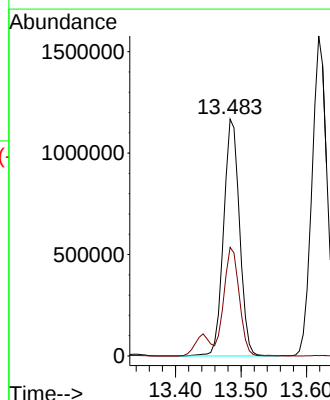
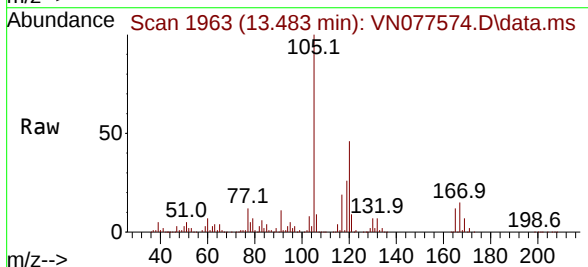
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

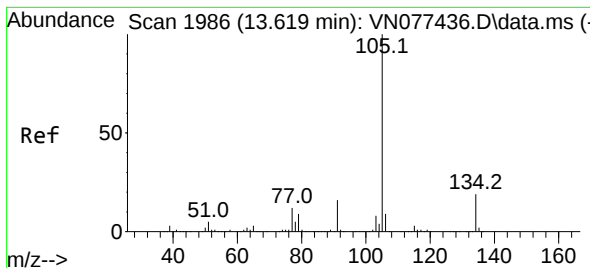
Tgt Ion:119 Resp: 1754023
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 26.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 57.511 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion:105 Resp: 1959665
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 51.821 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

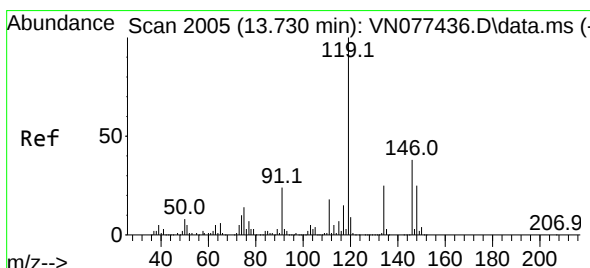
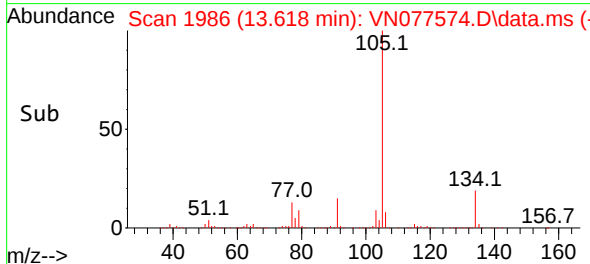
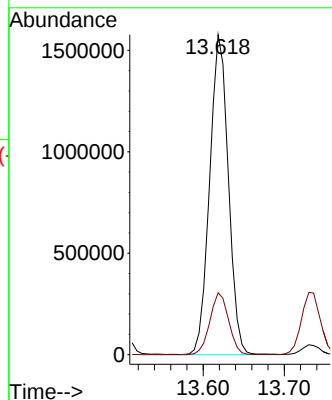
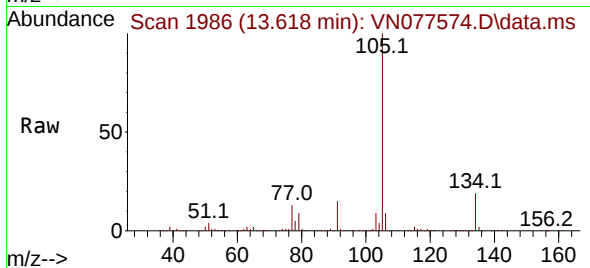
VSTDCCC050EC

Tgt Ion:105 Resp: 2520270

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.926 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

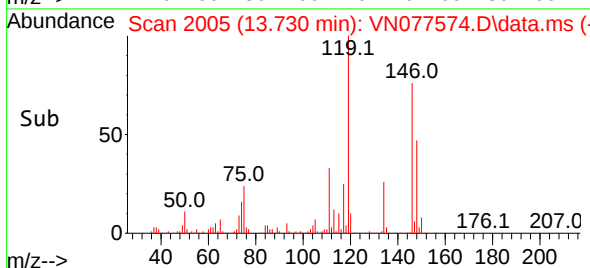
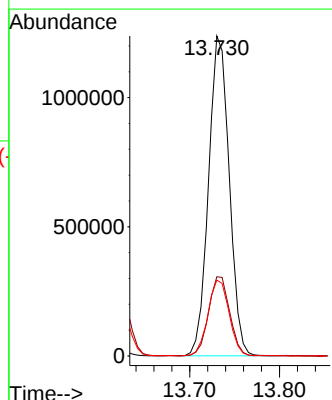
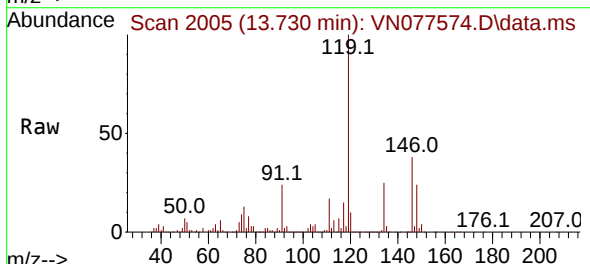
Tgt Ion:119 Resp: 1980456

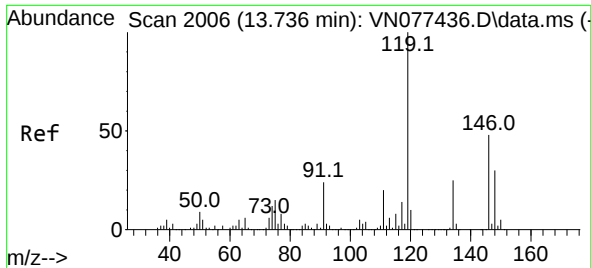
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 24.2 12.4 37.2

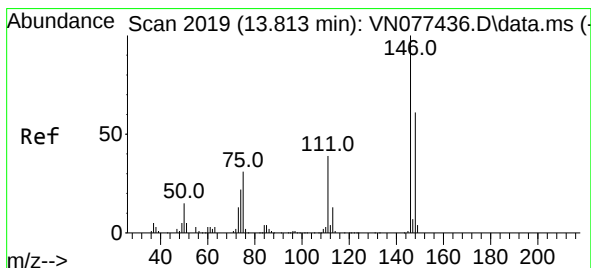
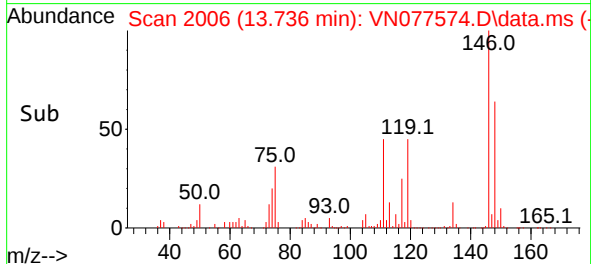
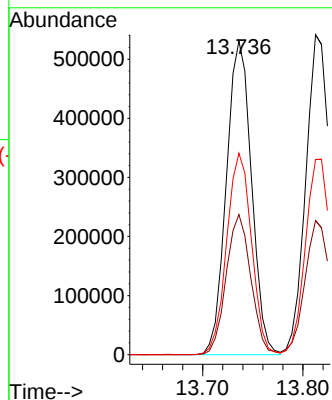
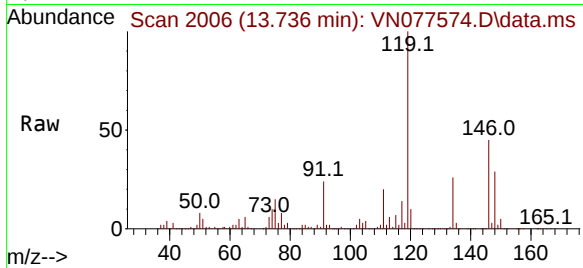




#87
1,3-Dichlorobenzene
Concen: 48.489 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

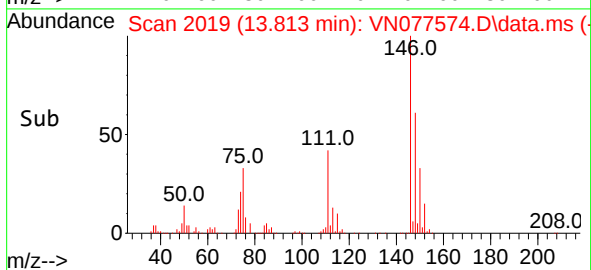
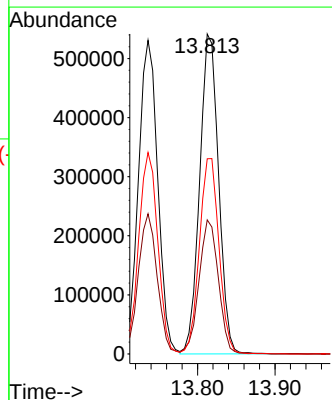
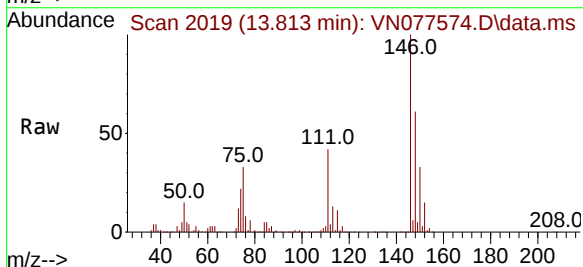
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

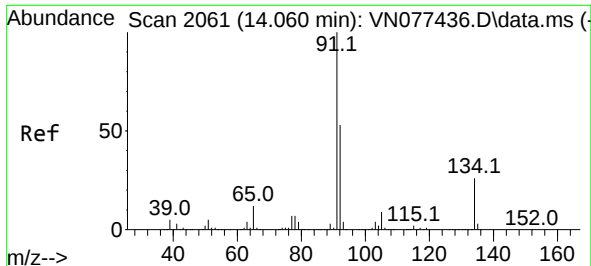
Tgt Ion:146 Resp: 923363
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.3
148 63.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 48.860 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion:146 Resp: 918684
Ion Ratio Lower Upper
146 100
111 43.1 20.6 61.8
148 63.4 31.6 94.8

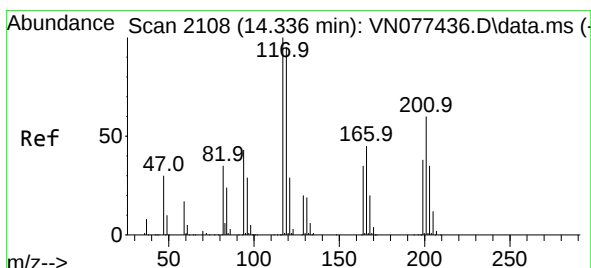
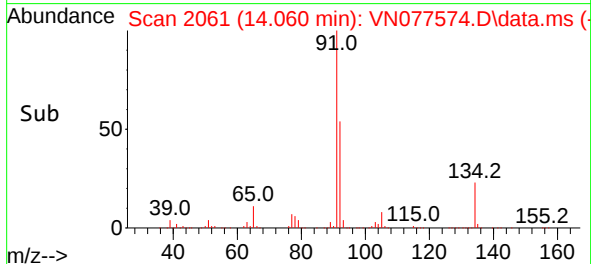
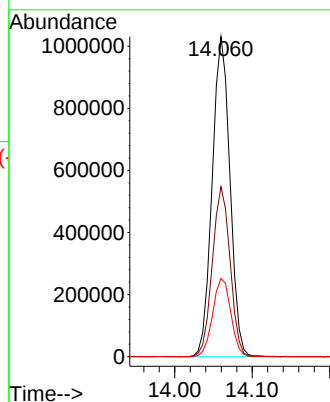
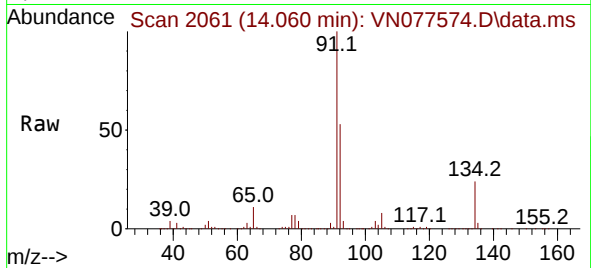




#89
n-Butylbenzene
Concen: 56.639 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

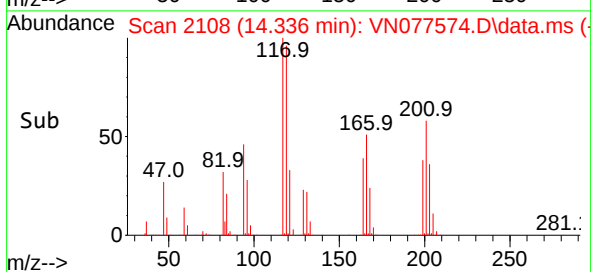
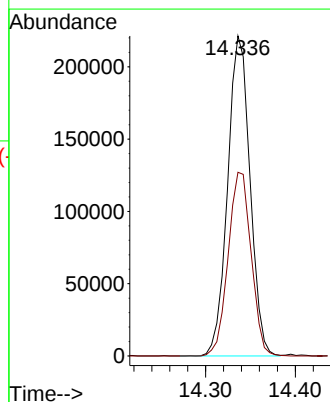
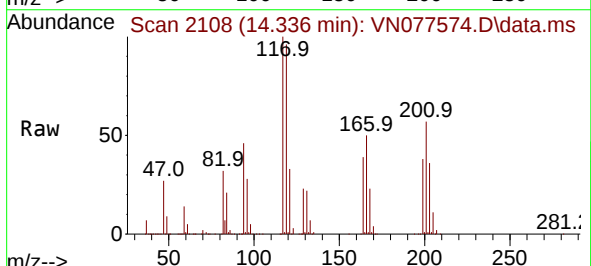
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

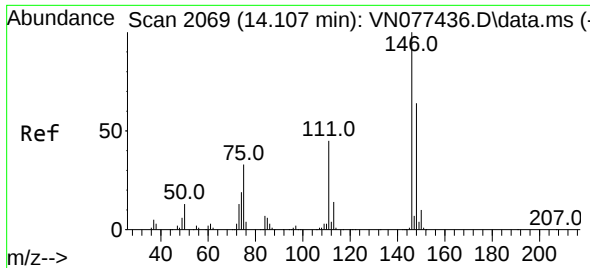
Tgt Ion: 91 Resp: 1640187
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 25.0 12.6 37.6



#90
Hexachloroethane
Concen: 46.342 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 117 Resp: 383111
Ion Ratio Lower Upper
117 100
201 59.0 29.3 88.0

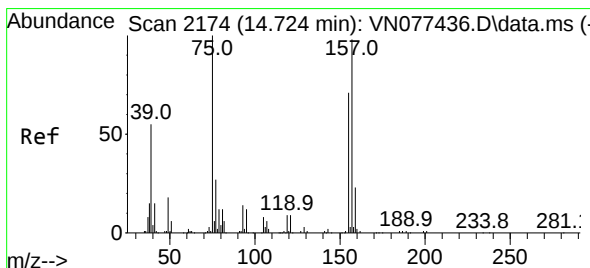
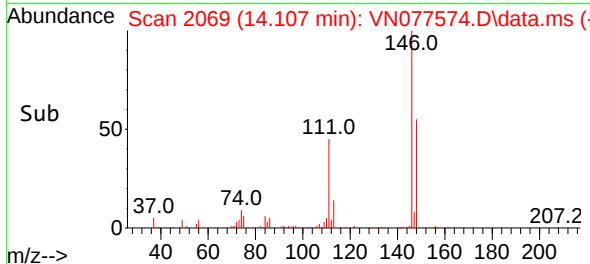
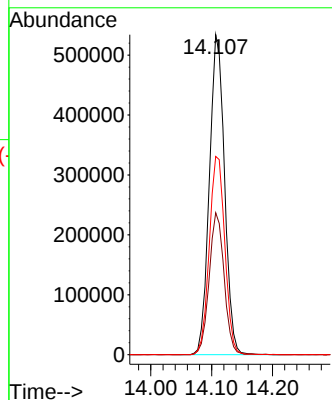
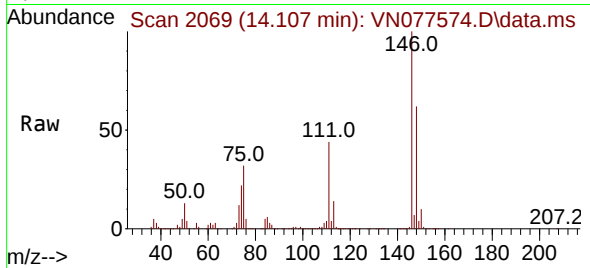




#91
1,2-Dichlorobenzene
Concen: 48.878 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

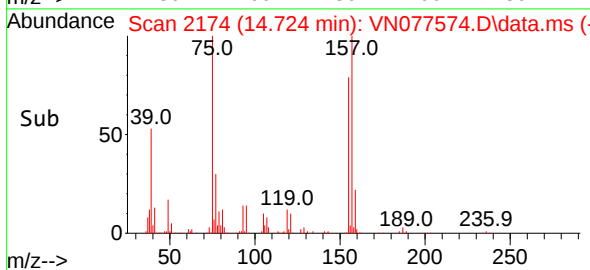
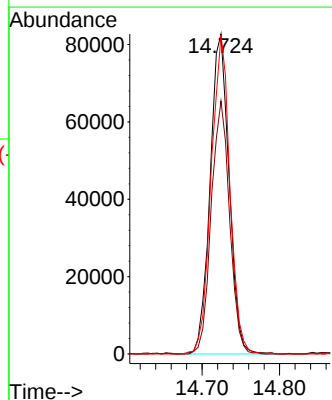
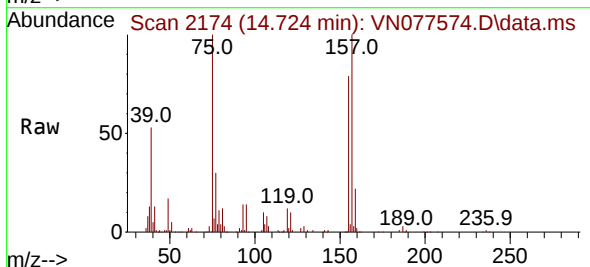
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

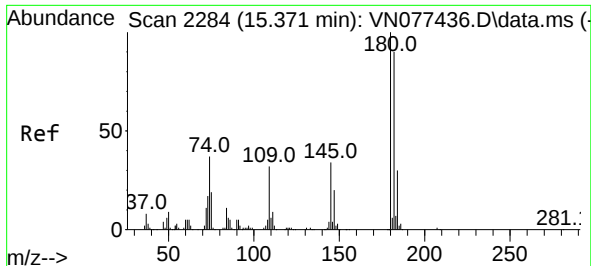
Tgt Ion:146 Resp: 923161
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 63.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.246 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion: 75 Resp: 140578
Ion Ratio Lower Upper
75 100
155 76.4 39.1 117.2
157 98.0 50.3 150.9

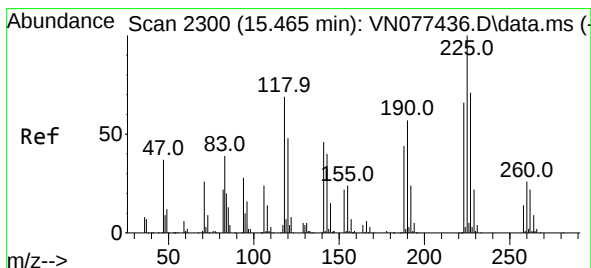
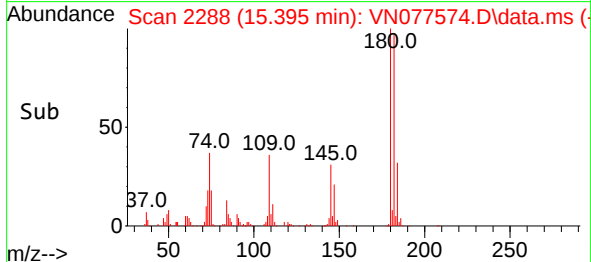
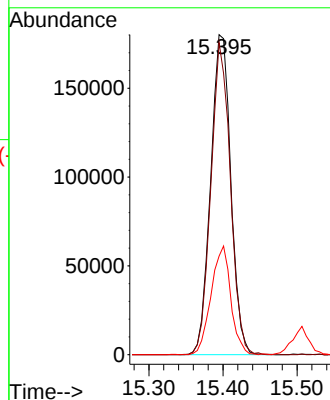
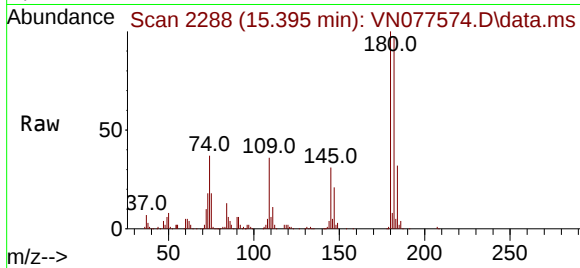




#93
1,2,4-Trichlorobenzene
Concen: 54.239 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.024 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

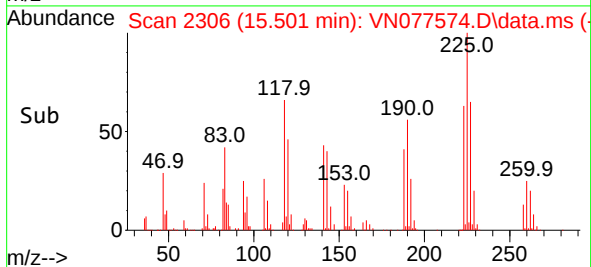
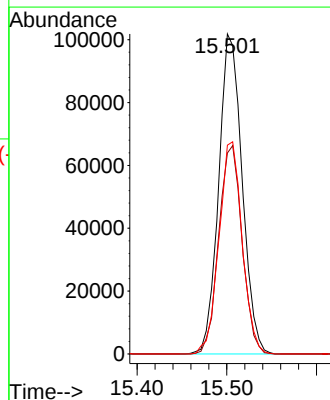
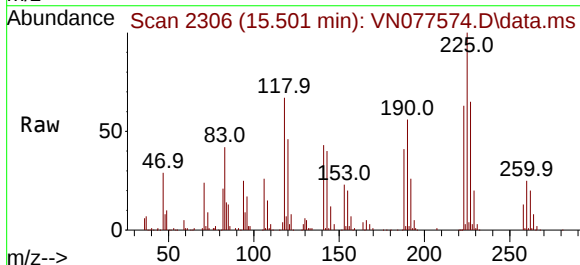
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

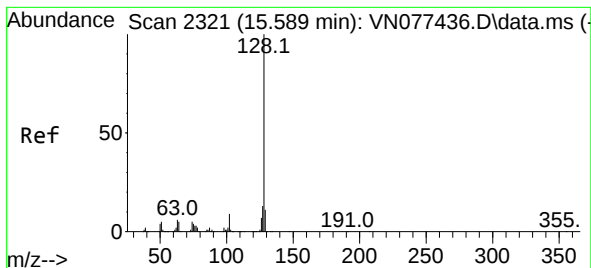
Tgt Ion:180 Resp: 340389
Ion Ratio Lower Upper
180 100
182 94.1 46.1 138.2
145 33.2 16.6 49.8



#94
Hexachlorobutadiene
Concen: 48.364 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. 0.036 min
Lab File: VN077574.D
Acq: 03 May 2023 19:48

Tgt Ion:225 Resp: 184587
Ion Ratio Lower Upper
225 100
223 64.7 31.3 93.8
227 65.6 31.9 95.9





#95

Naphthalene

Concen: 66.368 ug/l

RT: 15.642 min Scan# 21

Delta R.T. 0.053 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

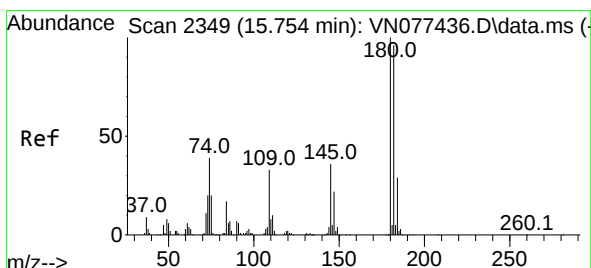
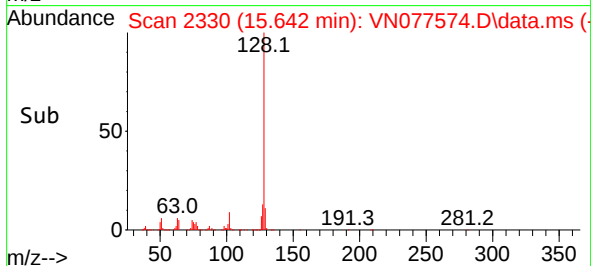
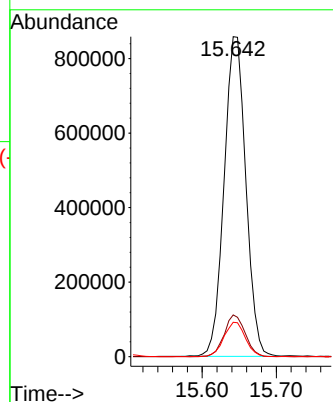
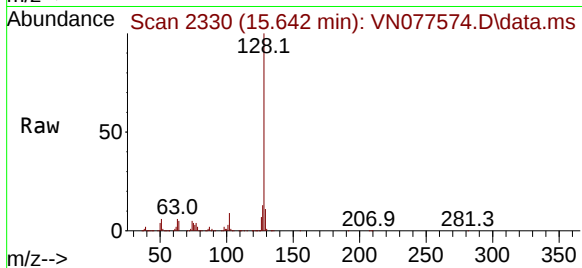
Tgt Ion:128 Resp: 1747224

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.523 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.088 min

Lab File: VN077574.D

Acq: 03 May 2023 19:48

Tgt Ion:180 Resp: 321036

Ion Ratio Lower Upper

180 100

182 94.8 46.2 138.6

145 36.3 17.5 52.6

