

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075637.D
 Acq On : 08 Dec 2022 09:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 09 02:03:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	193914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	287810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	51343	49.325	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.660%
35) Dibromofluoromethane	8.171	113	67541	55.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.960%
50) Toluene-d8	10.571	98	143092	52.655	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.853	95	117533	58.595	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	75055	50.618	ug/l	98
3) Chloromethane	2.371	50	85945	46.582	ug/l	96
4) Vinyl Chloride	2.524	62	110109	47.353	ug/l	94
5) Bromomethane	2.918	94	108237	52.934	ug/l	95
6) Chloroethane	3.106	64	83346	47.304	ug/l	93
7) Trichlorofluoromethane	3.495	101	160196	48.225	ug/l	99
8) Diethyl Ether	3.965	74	65454	56.219	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	94923	51.762	ug/l	91
10) Methyl Iodide	4.595	142	168166	56.592	ug/l	95
11) Tert butyl alcohol	5.536	59	88379	202.259	ug/l	98
12) 1,1-Dichloroethene	4.348	96	91942	51.200	ug/l	89
13) Acrolein	4.189	56	94182	247.416	ug/l	98
14) Allyl chloride	5.030	41	111706	48.091	ug/l #	93
15) Acrylonitrile	5.730	53	230495	229.919	ug/l	97
16) Acetone	4.442	43	221701	228.344	ug/l	94
17) Carbon Disulfide	4.718	76	227864	48.826	ug/l	100
18) Methyl Acetate	5.036	43	122391	50.003	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	338284	53.178	ug/l	98
20) Methylene Chloride	5.283	84	110217	56.138	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	102296	49.986	ug/l	94
22) Diisopropyl ether	6.677	45	286762	54.099	ug/l	97
23) Vinyl Acetate	6.612	43	976749	231.620	ug/l	98
24) 1,1-Dichloroethane	6.577	63	179339	52.710	ug/l	95
25) 2-Butanone	7.488	43	303843	224.154	ug/l	97
26) 2,2-Dichloropropane	7.500	77	152277	48.157	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	126561	54.691	ug/l	92
28) Bromochloromethane	7.818	49	72678	52.624	ug/l	84
29) Tetrahydrofuran	7.841	42	188185	228.238	ug/l	98
30) Chloroform	7.971	83	203790	52.158	ug/l	97
31) Cyclohexane	8.259	56	147756	44.678	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	177443	50.017	ug/l	96
36) 1,1-Dichloropropene	8.377	75	140417	53.365	ug/l	97
37) Ethyl Acetate	7.565	43	114653	48.392	ug/l	98
38) Carbon Tetrachloride	8.365	117	159598	55.215	ug/l	99
39) Methylcyclohexane	9.606	83	180465	54.800	ug/l	95
40) Benzene	8.612	78	445690	55.323	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	63546	52.461	ug/l	99
42) 1,2-Dichloroethane	8.677	62	151788	56.257	ug/l	96
43) Isopropyl Acetate	8.694	43	213891	56.243	ug/l	98
44) Trichloroethene	9.353	130	124309	56.392	ug/l	92
45) 1,2-Dichloropropane	9.624	63	108612	56.574	ug/l	96
46) Dibromomethane	9.712	93	82100	56.538	ug/l #	88
47) Bromodichloromethane	9.888	83	162887	57.924	ug/l	99
48) Methyl methacrylate	9.682	41	92957	52.862	ug/l	95
49) 1,4-Dioxane	9.694	88	47482	950.918	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	617016	254.735	ug/l	97
52) Toluene	10.629	92	303067	58.378	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	172292	61.029	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	188528	61.486	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	120230	56.861	ug/l	96
56) Ethyl methacrylate	10.876	69	170423	59.682	ug/l	98
57) 1,3-Dichloropropane	11.165	76	193871	56.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	276935	268.907	ug/l	96
59) 2-Hexanone	11.200	43	463570	254.872	ug/l	97
60) Dibromochloromethane	11.359	129	138954	64.023	ug/l	99
61) 1,2-Dibromoethane	11.471	107	125542	57.204	ug/l	99
64) Tetrachloroethene	11.106	164	108697	49.456	ug/l	92
65) Chlorobenzene	11.894	112	332439	55.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	127517	57.483	ug/l	99
67) Ethyl Benzene	11.965	91	585176	57.707	ug/l	98
68) m/p-Xylenes	12.071	106	478903	116.298	ug/l	99
69) o-Xylene	12.400	106	237355	58.013	ug/l	96
70) Styrene	12.412	104	392479	60.809	ug/l	98
71) Bromoform	12.582	173	104376	61.821	ug/l #	98
73) Isopropylbenzene	12.700	105	605641	52.686	ug/l	98
74) N-amyl acetate	12.500	43	192636	54.509	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	174019	49.654	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	212842	71.545	ug/l	83
77) Bromobenzene	12.982	156	153160	53.969	ug/l	83
78) n-propylbenzene	13.041	91	686529	53.514	ug/l	98
79) 2-Chlorotoluene	13.129	91	409592	52.990	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	524185	54.886	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	53257	52.968	ug/l	92
82) 4-Chlorotoluene	13.129	91	409592	52.990	ug/l	96
83) tert-Butylbenzene	13.441	119	460329	52.864	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	530431	55.370	ug/l	98
85) sec-Butylbenzene	13.617	105	652084	55.190	ug/l	100
86) p-Isopropyltoluene	13.735	119	567649	57.103	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	294871	54.839	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	293815	53.792	ug/l	98
89) n-Butylbenzene	14.059	91	470591	56.050	ug/l	99
90) Hexachloroethane	14.335	117	96749	56.416	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	289088	55.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31616	47.623	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	161014	59.946	ug/l	98
94) Hexachlorobutadiene	15.506	225	80915	57.835	ug/l	99
95) Naphthalene	15.647	128	441877	52.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	152432	57.742	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

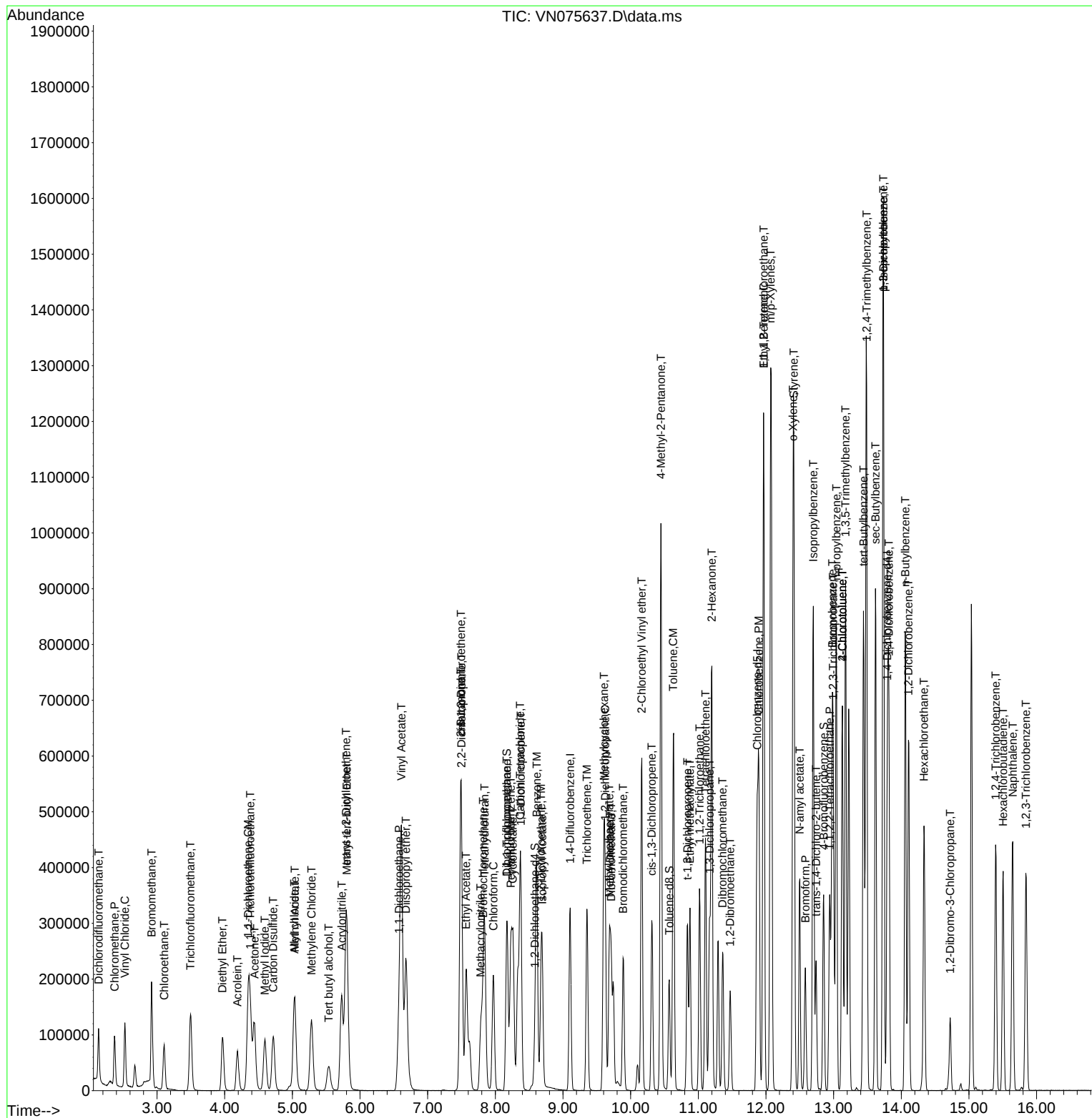
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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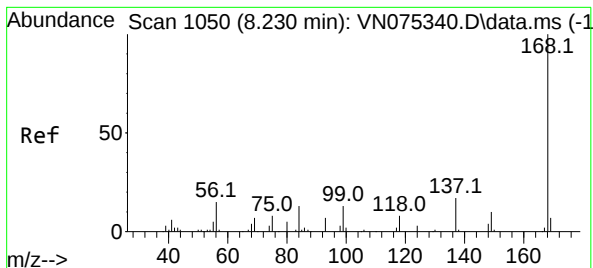
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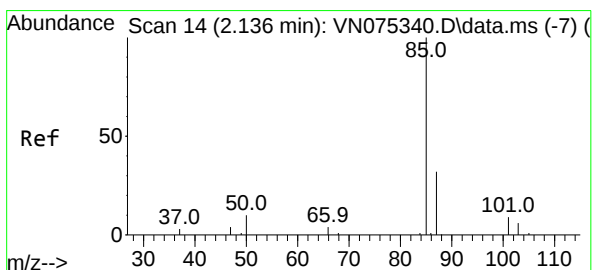
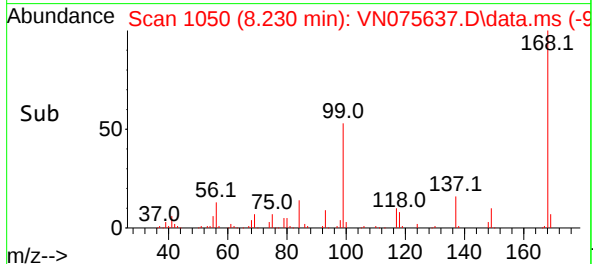
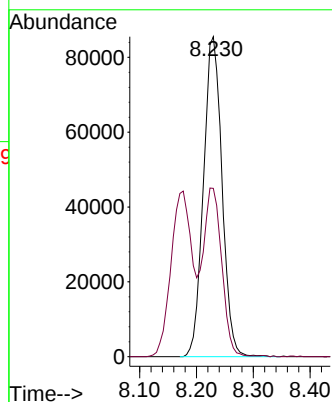
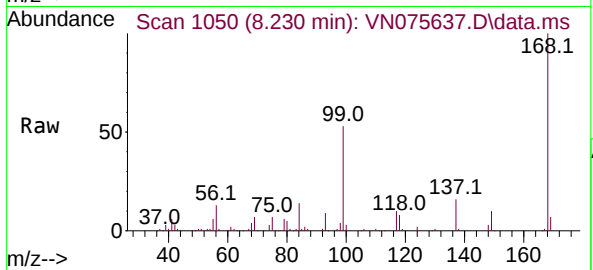




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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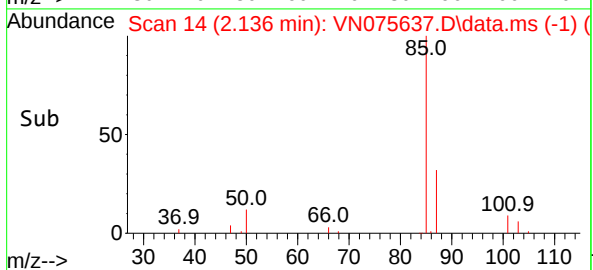
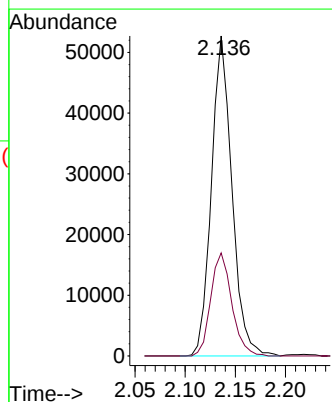
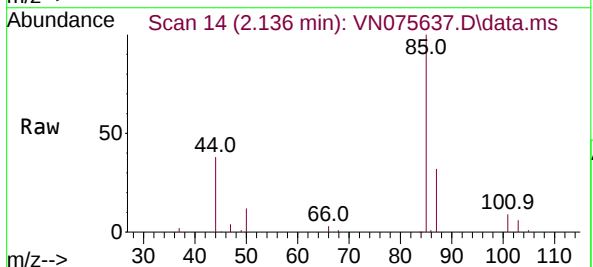
Instrument :
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ClientSampleId :
VSTDCCC050

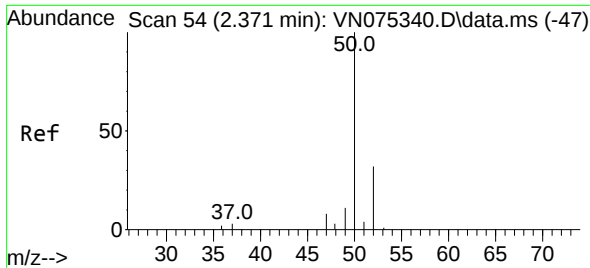
Tgt Ion:168 Resp: 193914
Ion Ratio Lower Upper
168 100
99 52.6 51.6 77.4



#2
Dichlorodifluoromethane
Concen: 50.618 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 85 Resp: 75055
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.0

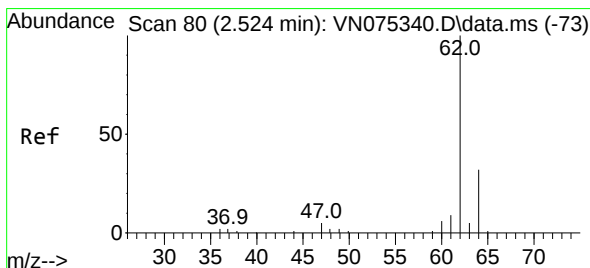
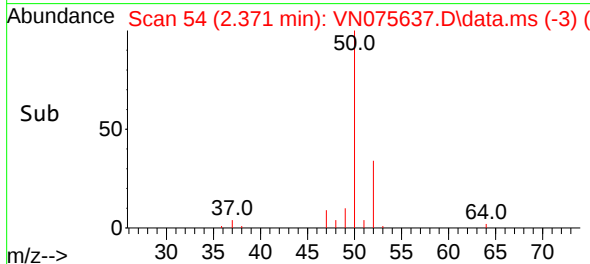
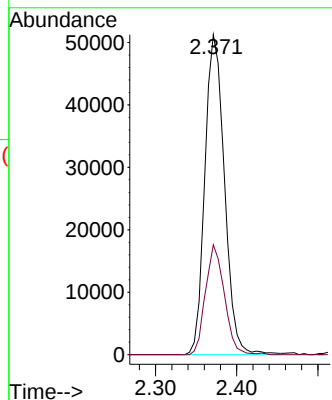
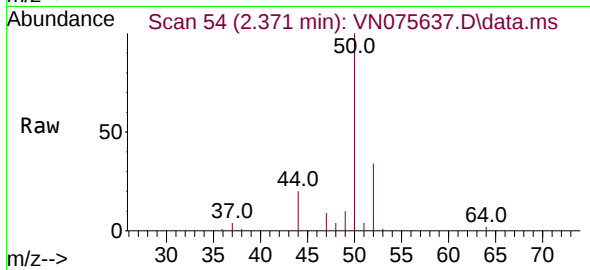




#3
Chloromethane
Concen: 46.582 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

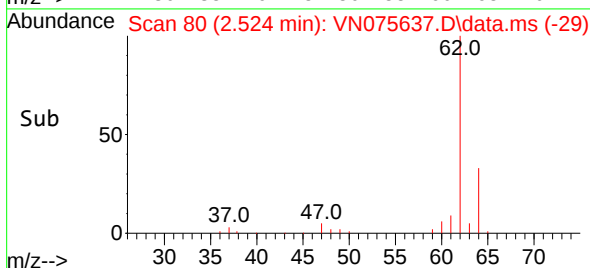
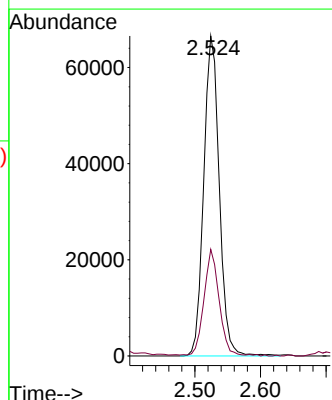
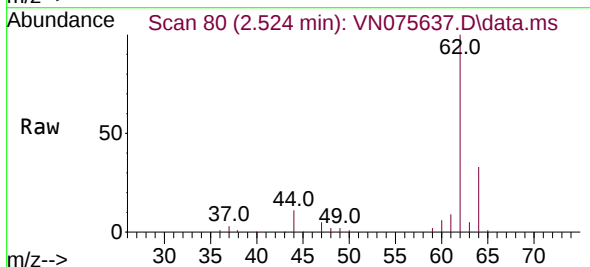
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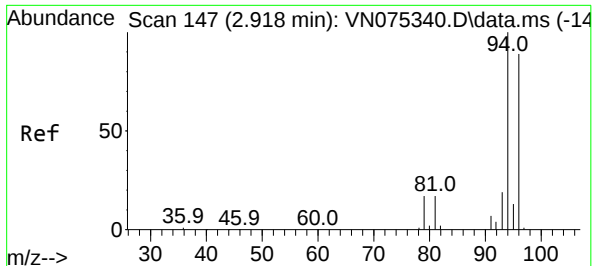
Tgt Ion: 50 Resp: 85945
Ion Ratio Lower Upper
50 100
52 34.4 25.8 38.6



#4
Vinyl Chloride
Concen: 47.353 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 62 Resp: 110109
Ion Ratio Lower Upper
62 100
64 33.3 24.0 36.0

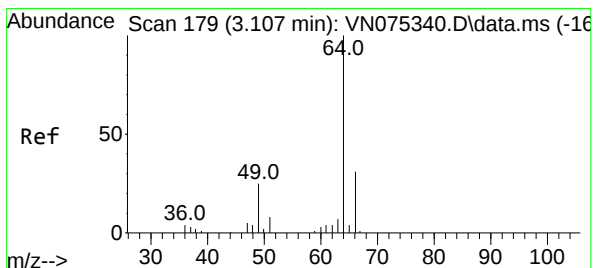
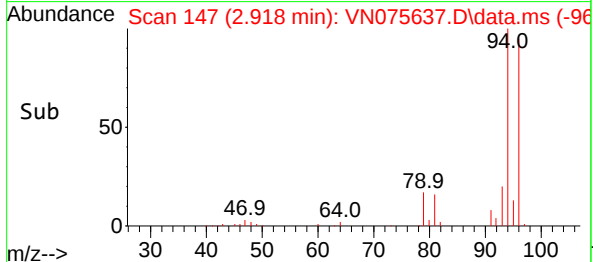
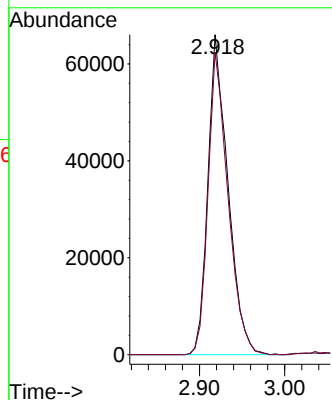
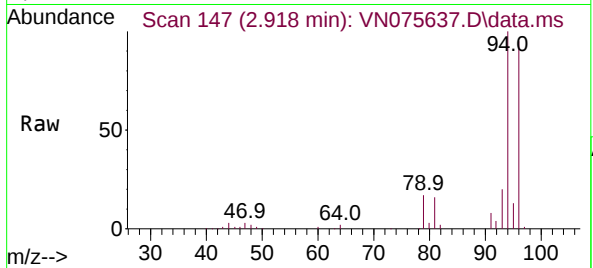




#5
Bromomethane
Concen: 52.934 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075637.D
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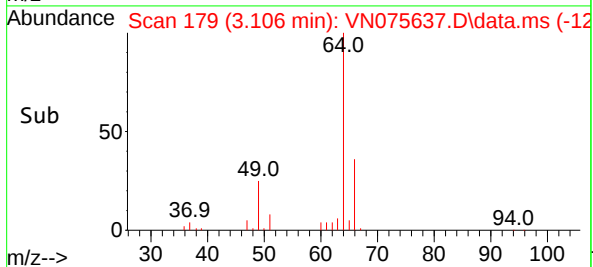
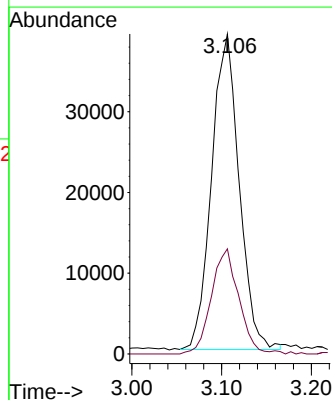
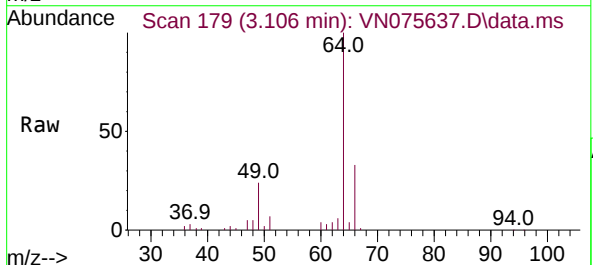
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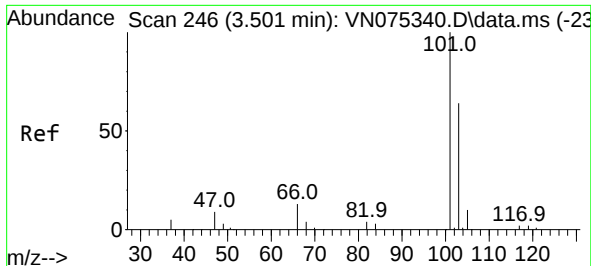
Tgt Ion: 94 Resp: 108237
Ion Ratio Lower Upper
94 100
96 94.5 71.8 107.6



#6
Chloroethane
Concen: 47.304 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.001 min
Lab File: VN075637.D
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Tgt Ion: 64 Resp: 83346
Ion Ratio Lower Upper
64 100
66 33.3 23.8 35.8

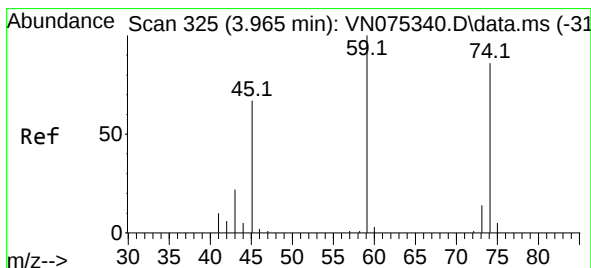
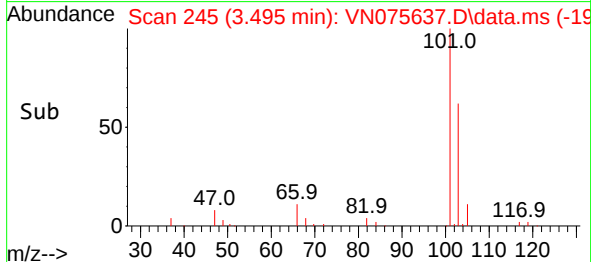
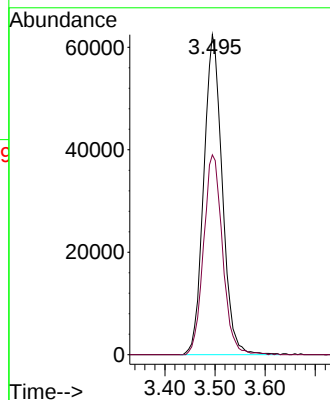
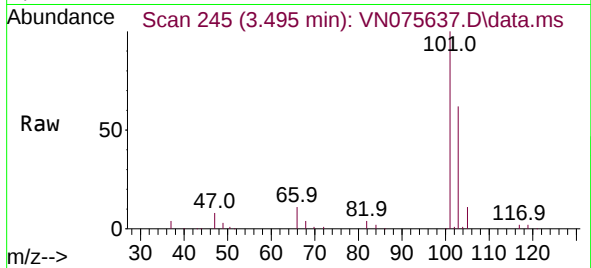




#7
 Trichlorofluoromethane
 Concen: 48.225 ug/l
 RT: 3.495 min Scan# 246
 Delta R.T. -0.006 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

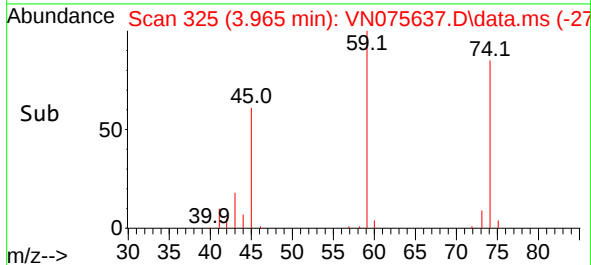
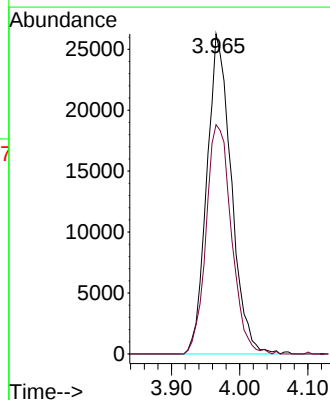
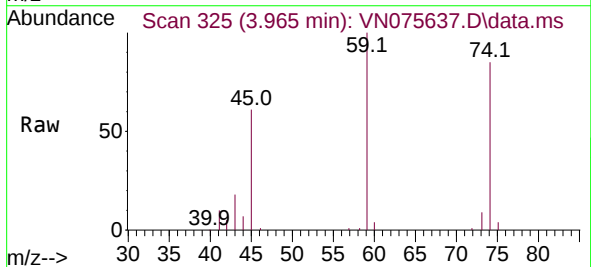
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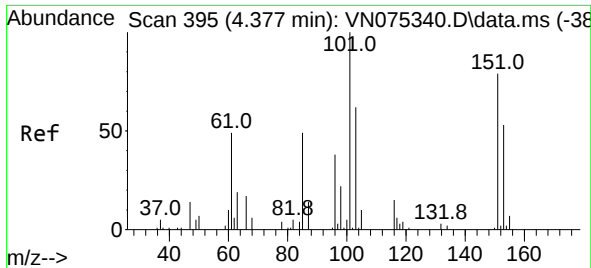
Tgt Ion:101 Resp: 160196
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.5 75.7



#8
 Diethyl Ether
 Concen: 56.219 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. 0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

Tgt Ion: 74 Resp: 65454
 Ion Ratio Lower Upper
 74 100
 45 74.2 39.3 117.9

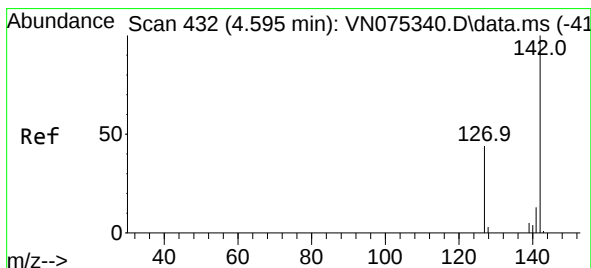
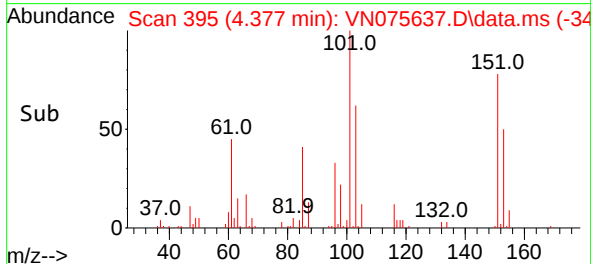
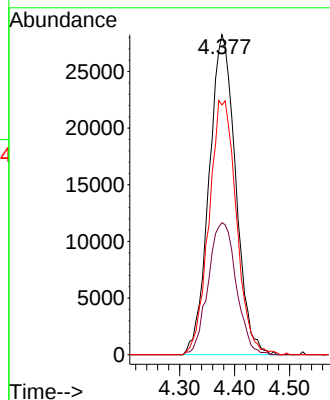
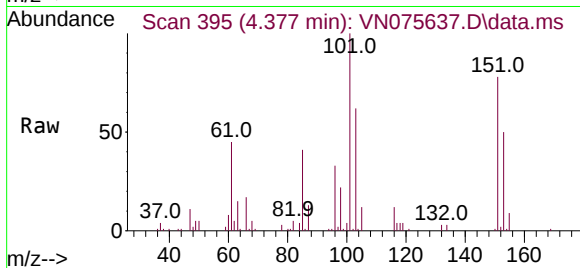




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.762 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

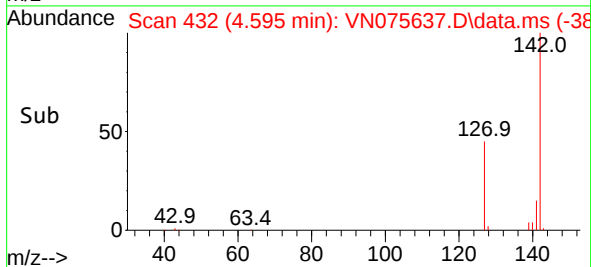
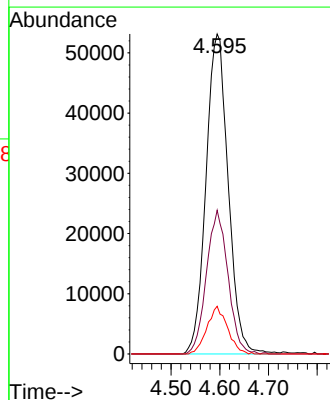
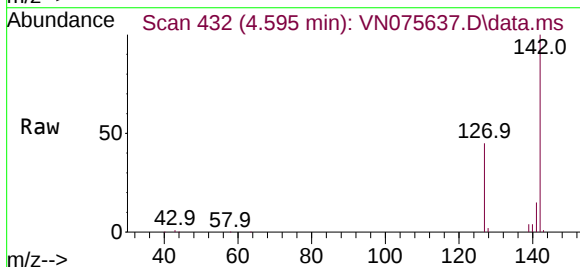
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 94923
Ion Ratio Lower Upper
101 100
85 43.5 37.6 56.4
151 81.9 58.3 87.5



#10
Methyl Iodide
Concen: 56.592 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:142 Resp: 168166
Ion Ratio Lower Upper
142 100
127 43.4 38.0 57.0
141 13.8 12.2 18.4

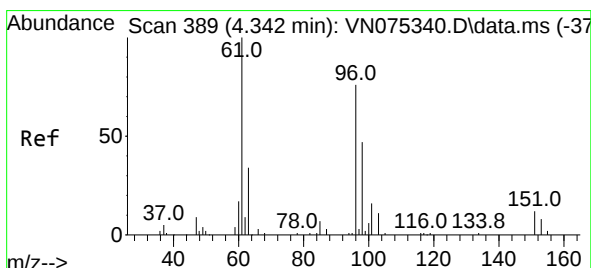
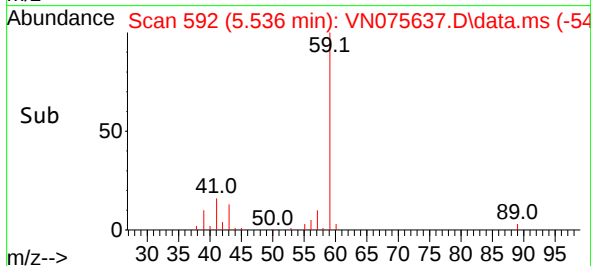
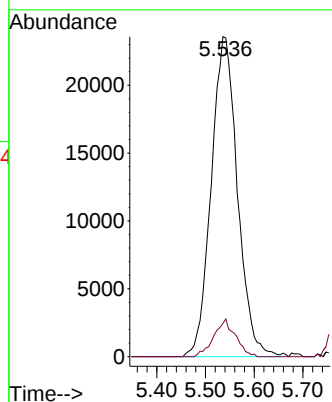
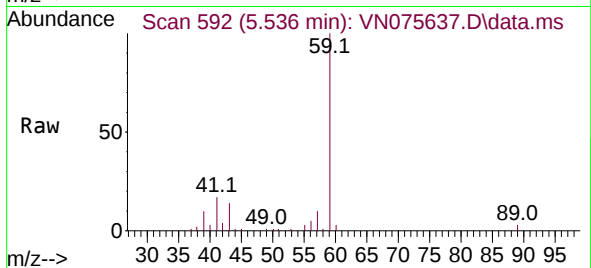




#11
Tert butyl alcohol
Concen: 202.259 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

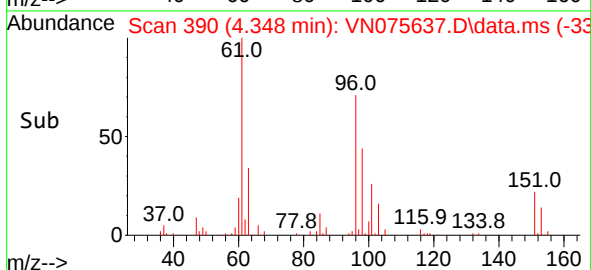
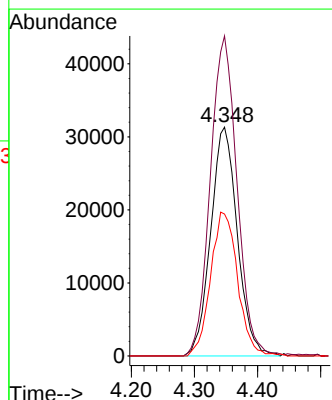
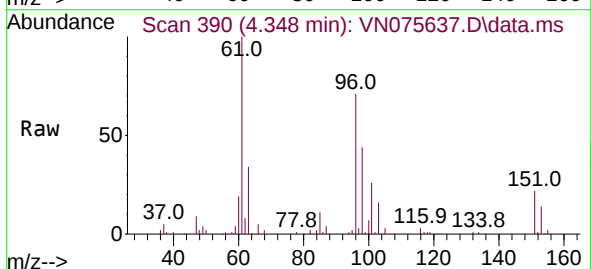
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 88379
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 51.200 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 96 Resp: 91942
Ion Ratio Lower Upper
96 100
61 139.9 126.2 189.4
98 62.0 51.5 77.3

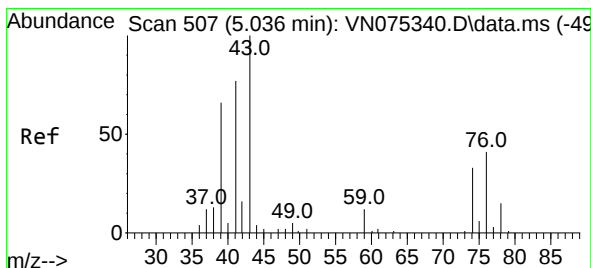
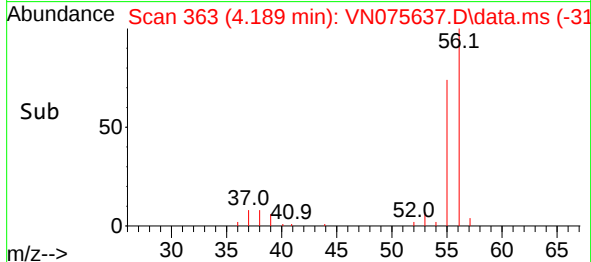
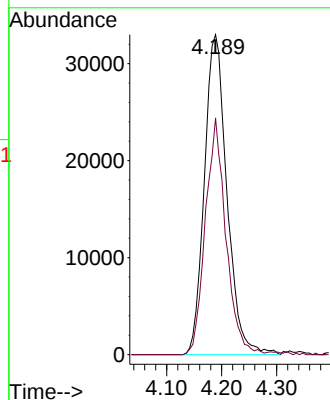
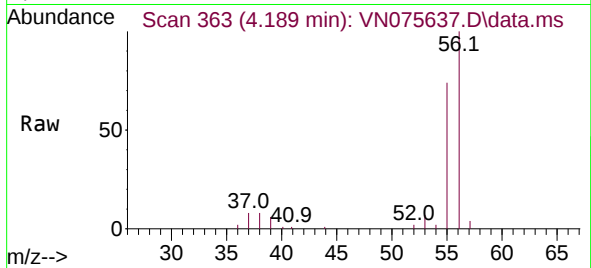




#13
Acrolein
Concen: 247.416 ug/l
RT: 4.189 min Scan# 362
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

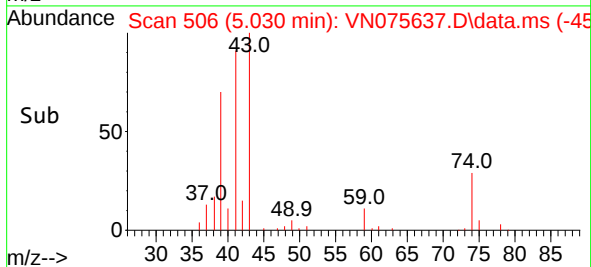
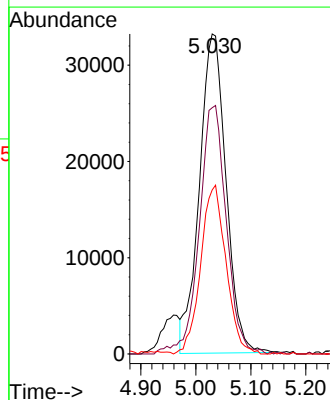
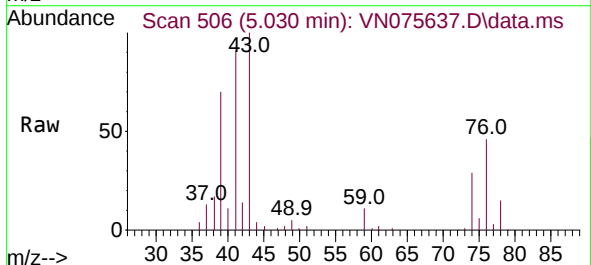
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

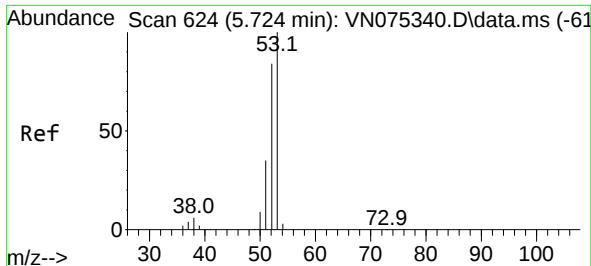
Tgt Ion: 56 Resp: 94182
Ion Ratio Lower Upper
56 100
55 67.3 55.2 82.8



#14
Allyl chloride
Concen: 48.091 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 41 Resp: 111706
Ion Ratio Lower Upper
41 100
39 79.1 61.0 91.4
76 50.3 33.4 50.0#

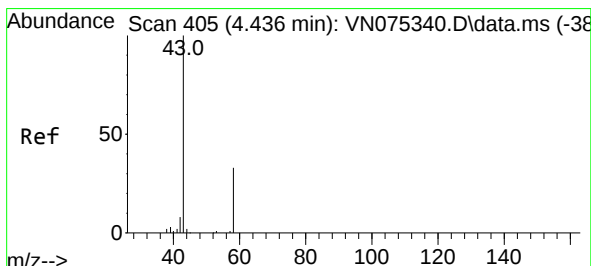
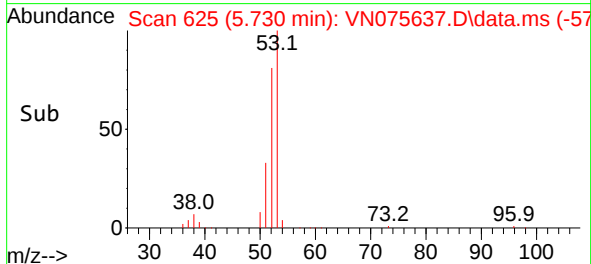
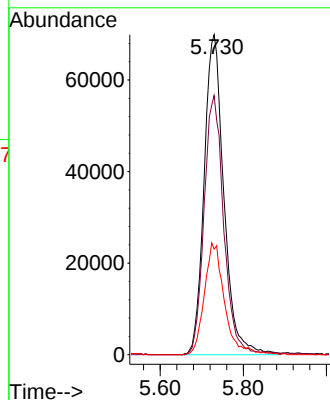
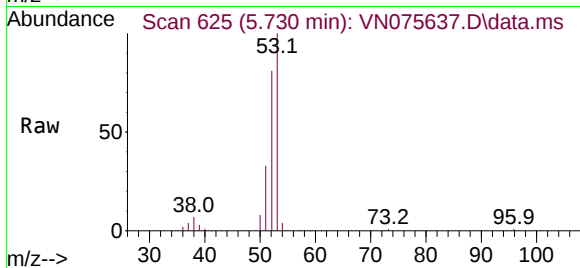




#15
Acrylonitrile
Concen: 229.919 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

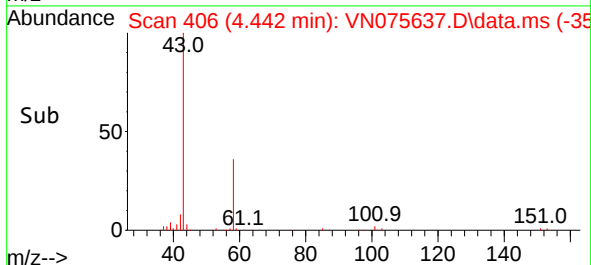
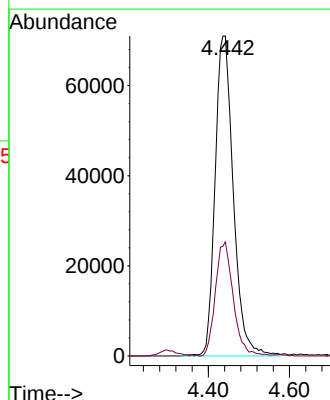
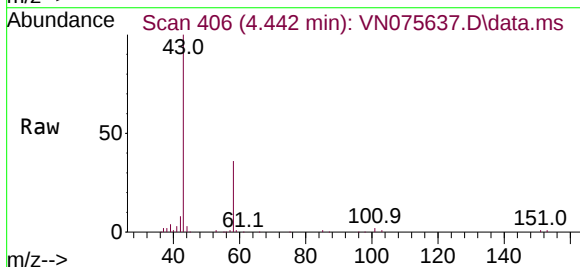
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

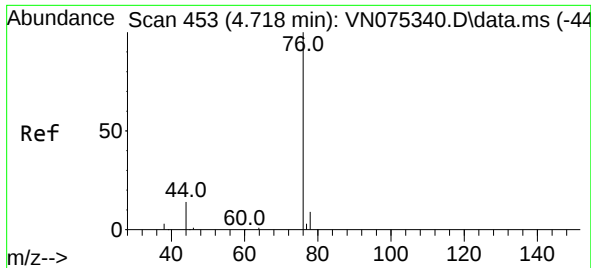
Tgt Ion: 53 Resp: 230495
Ion Ratio Lower Upper
53 100
52 80.3 66.4 99.6
51 35.6 29.6 44.4



#16
Acetone
Concen: 228.344 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 43 Resp: 221701
Ion Ratio Lower Upper
43 100
58 35.1 25.5 38.3

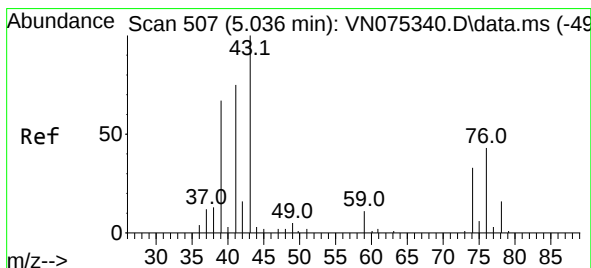
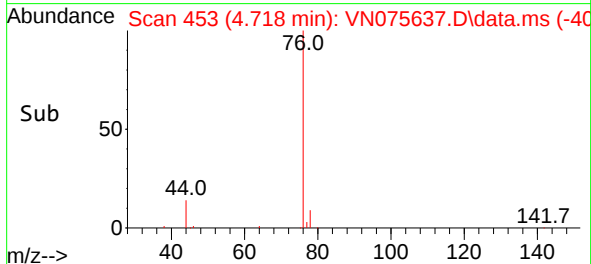
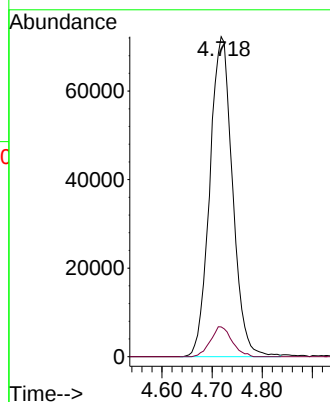
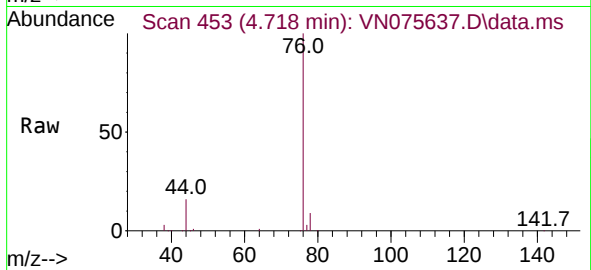




#17
Carbon Disulfide
Concen: 48.826 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

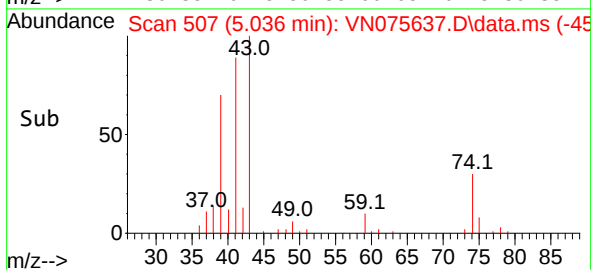
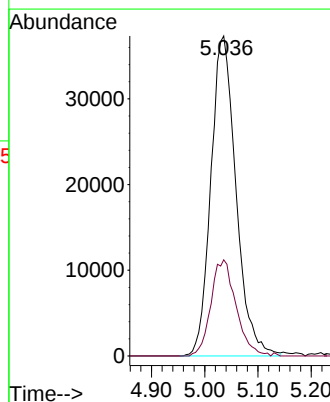
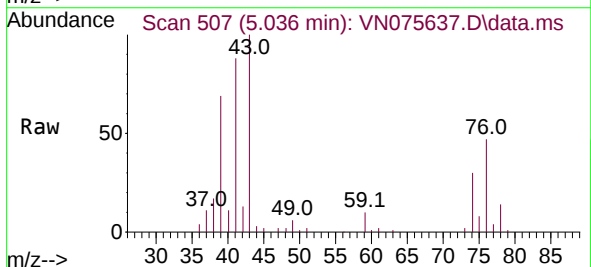
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

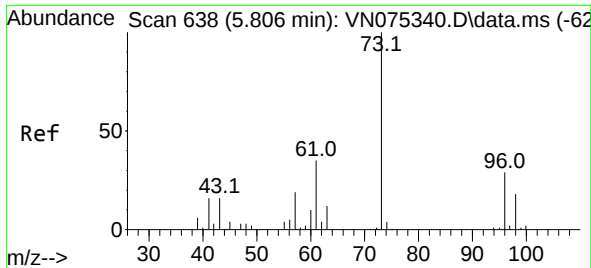
Tgt Ion: 76 Resp: 227864
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 50.003 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 43 Resp: 122391
Ion Ratio Lower Upper
43 100
74 30.0 22.0 33.0

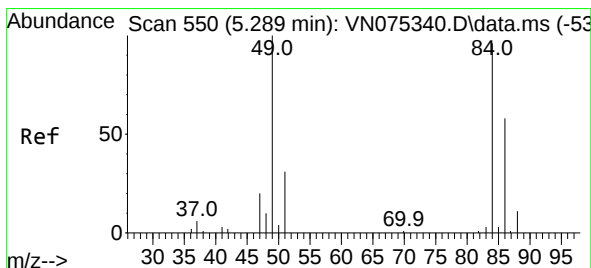
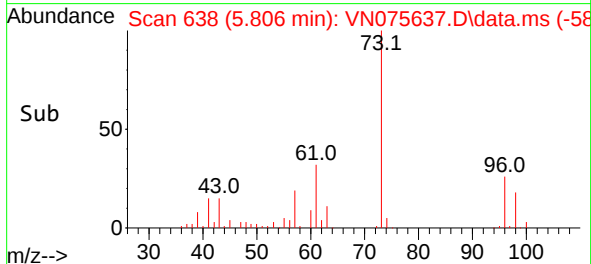
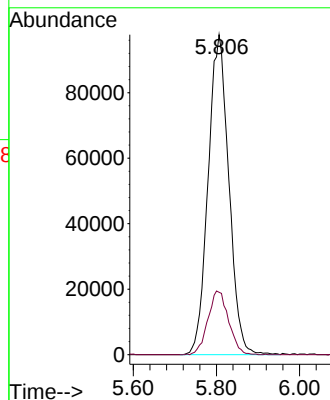
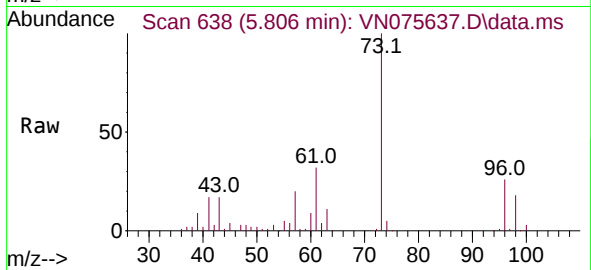




#19
Methyl tert-butyl Ether
Concen: 53.178 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

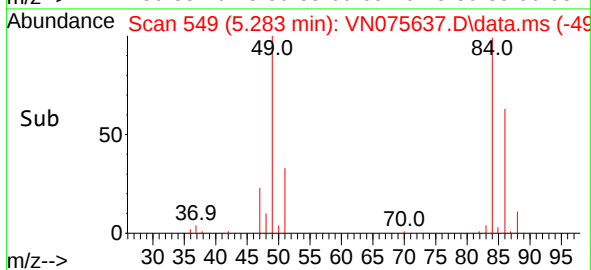
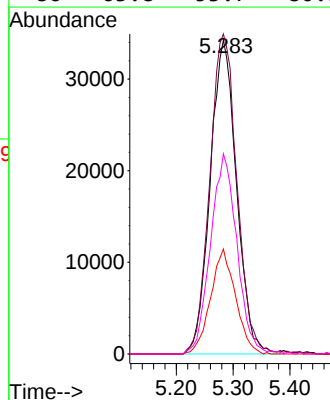
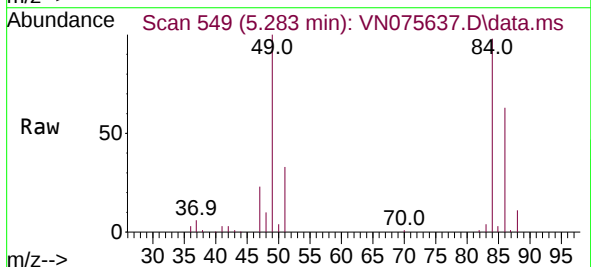
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 338284
Ion Ratio Lower Upper
73 100
57 19.5 16.3 24.5



#20
Methylene Chloride
Concen: 56.138 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 84 Resp: 110217
Ion Ratio Lower Upper
84 100
49 102.0 94.9 142.3
51 33.4 26.8 40.2
86 63.8 53.7 80.5

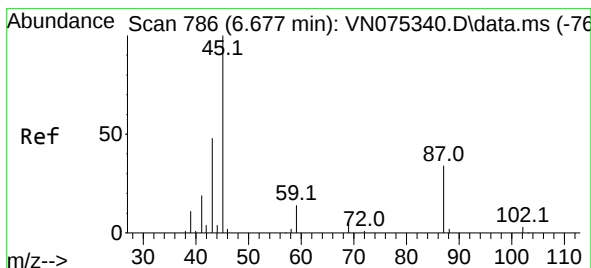
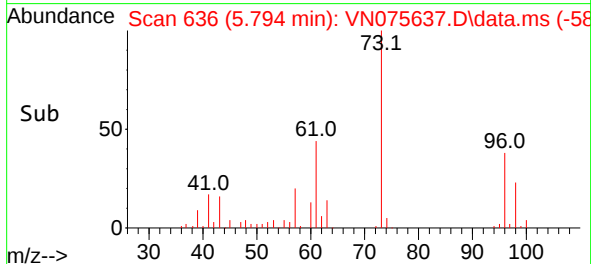
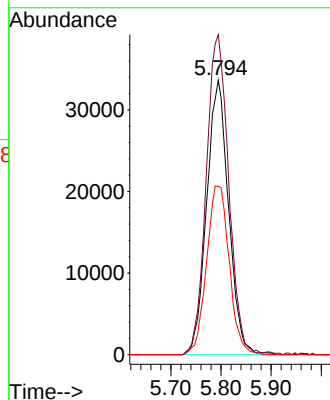
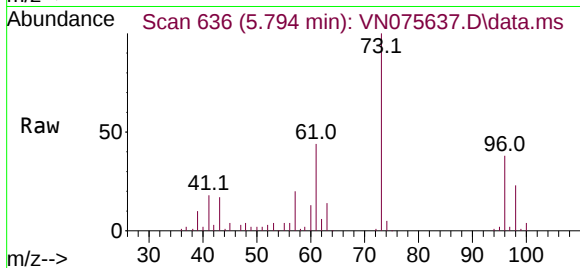




#21
trans-1,2-Dichloroethene
Concen: 49.986 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

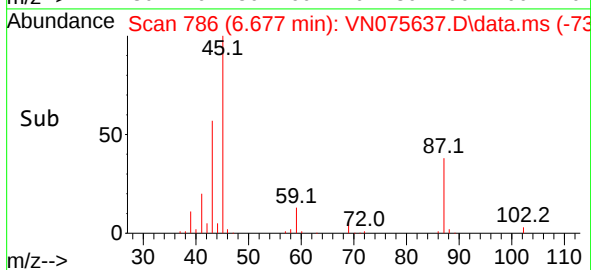
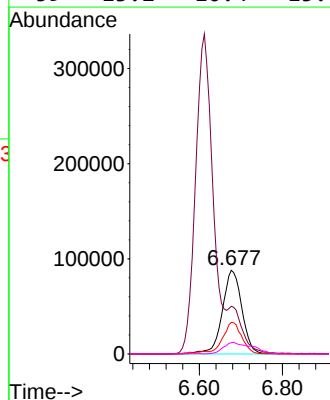
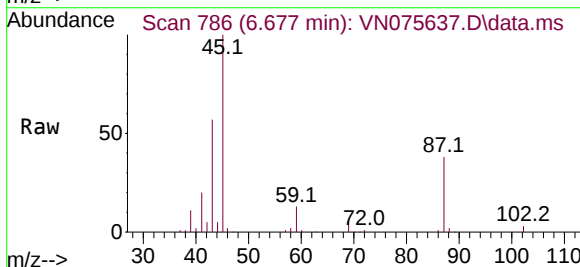
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 102296
Ion Ratio Lower Upper
96 100
61 116.6 99.9 149.9
98 61.3 51.5 77.3



#22
Diisopropyl ether
Concen: 54.099 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 45 Resp: 286762
Ion Ratio Lower Upper
45 100
43 55.9 42.8 64.2
87 37.7 28.4 42.6
59 13.2 10.4 15.6

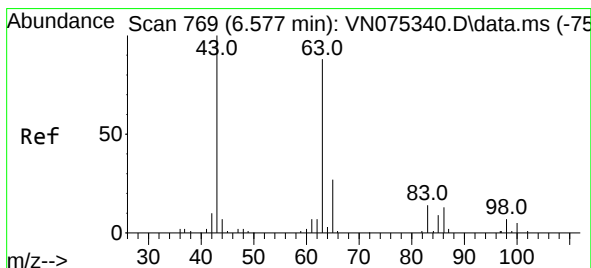
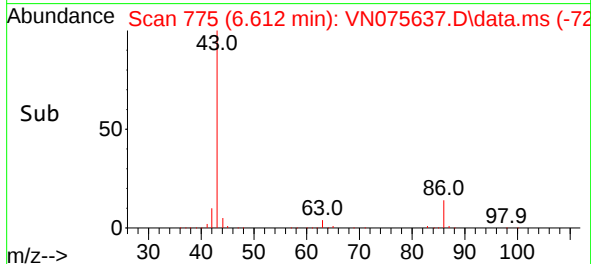
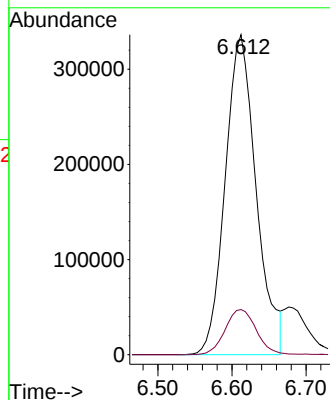
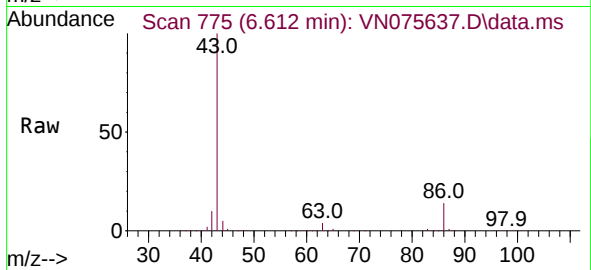




#23
 Vinyl Acetate
 Concen: 231.620 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

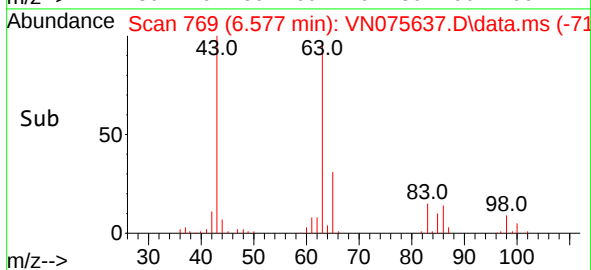
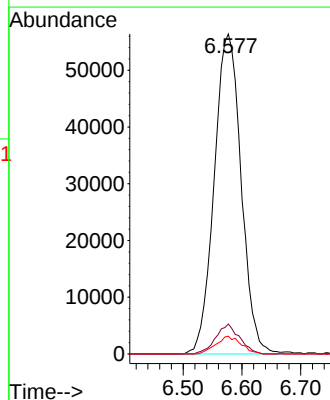
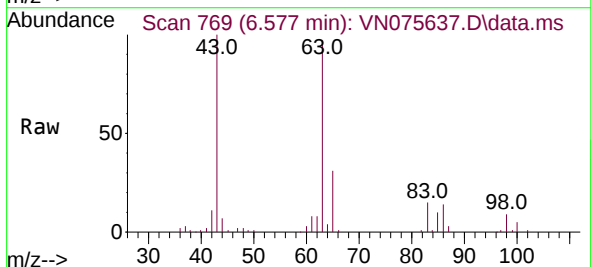
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

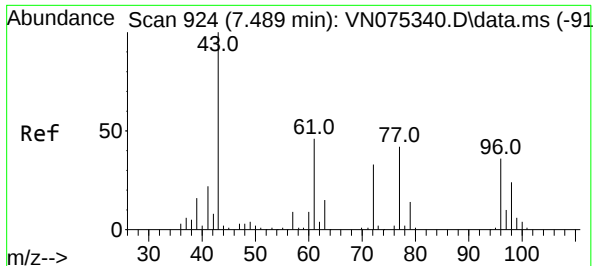
Tgt Ion: 43 Resp: 976749
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 52.710 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

Tgt Ion: 63 Resp: 179339
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.6 10.8
 100 5.5 2.4 7.2





#25

2-Butanone

Concen: 224.154 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

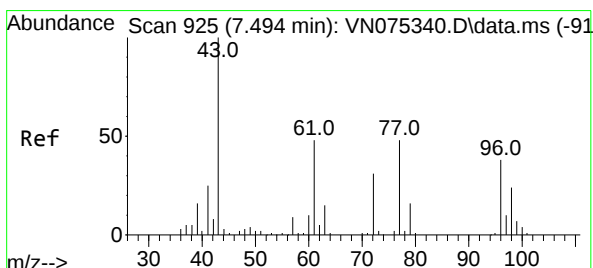
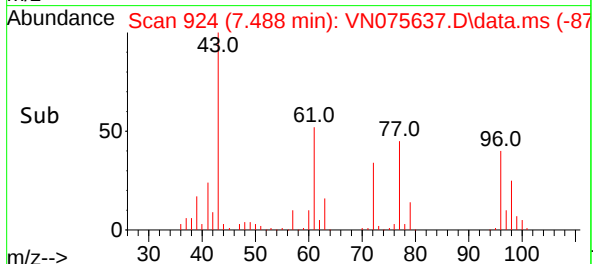
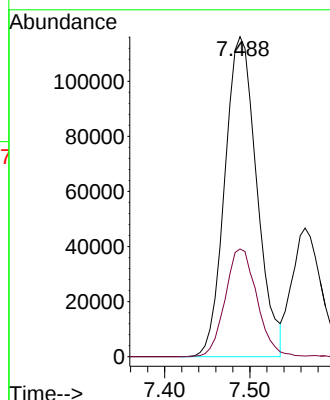
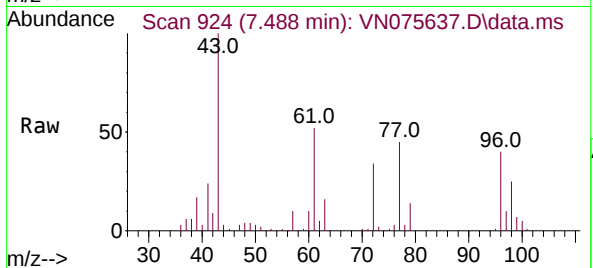
VSTDCCC050

Tgt Ion: 43 Resp: 303843

Ion Ratio Lower Upper

43 100

72 33.7 25.5 38.3



#26

2,2-Dichloropropane

Concen: 48.157 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075637.D

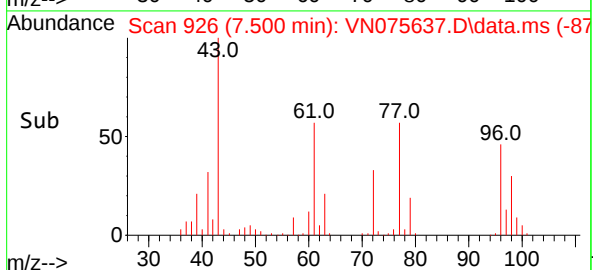
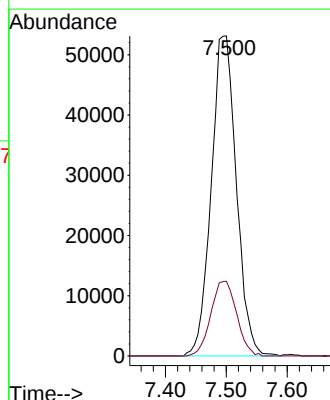
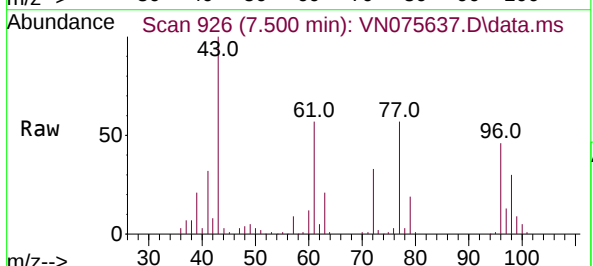
Acq: 08 Dec 2022 09:43

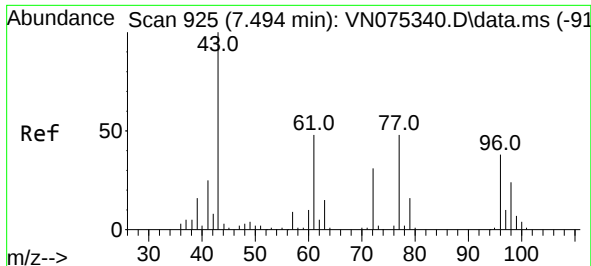
Tgt Ion: 77 Resp: 152277

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.6

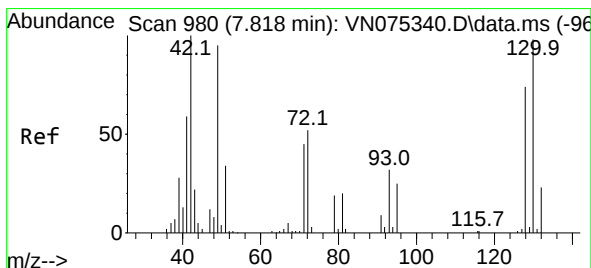
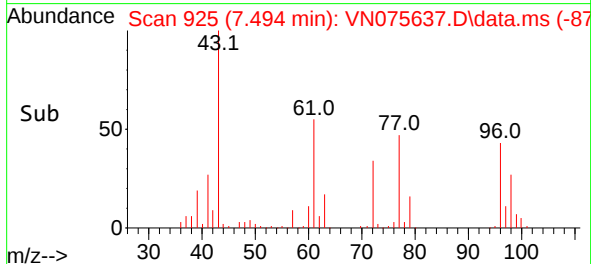
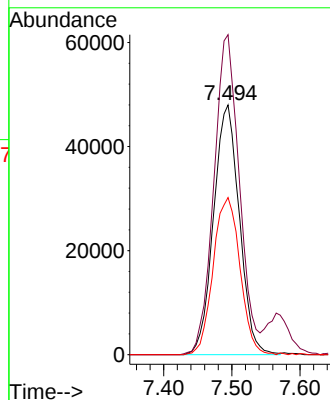
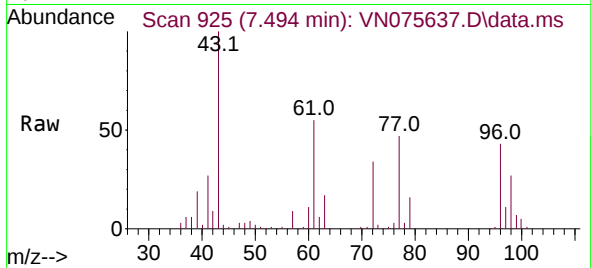




#27
 cis-1,2-Dichloroethene
 Concen: 54.691 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

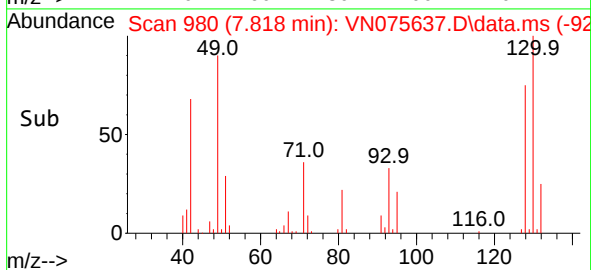
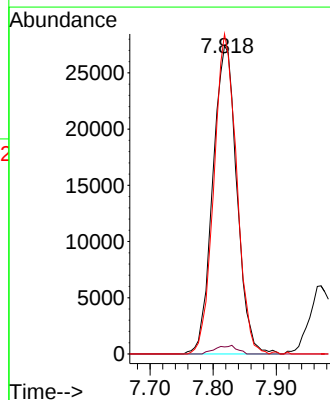
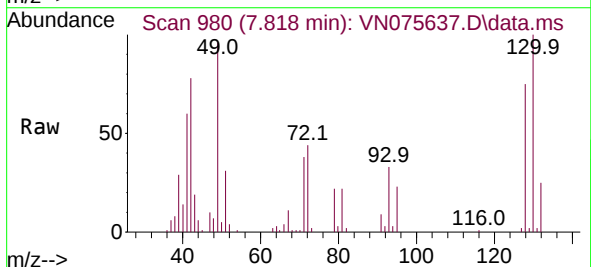
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

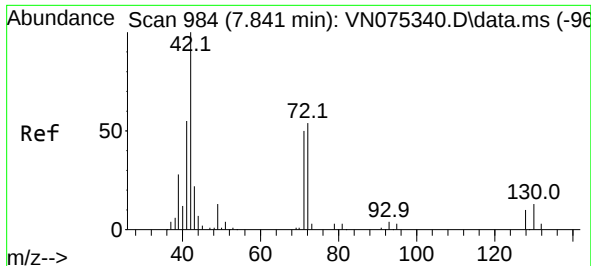
Tgt Ion: 96 Resp: 126561
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 278.8
 98 65.3 0.0 128.4



#28
 Bromochloromethane
 Concen: 52.624 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

Tgt Ion: 49 Resp: 72678
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 97.8 66.2 99.4

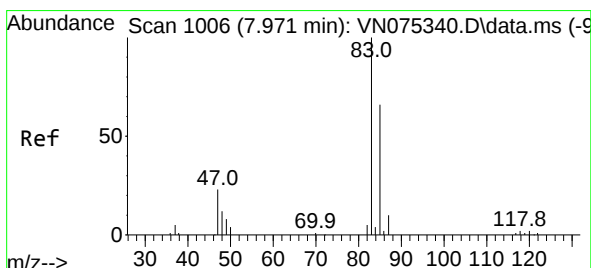
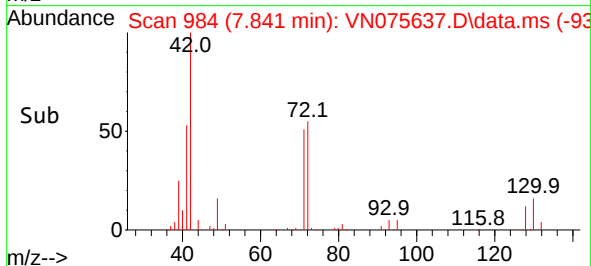
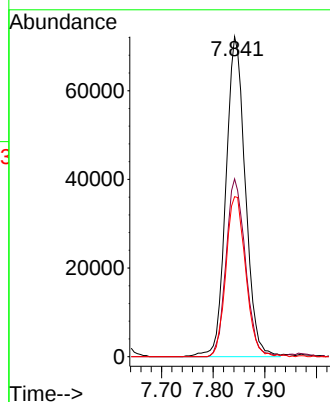
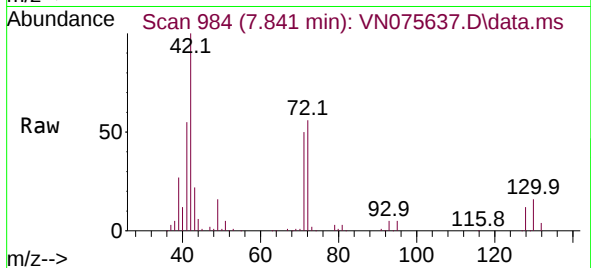




#29
Tetrahydrofuran
Concen: 228.238 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

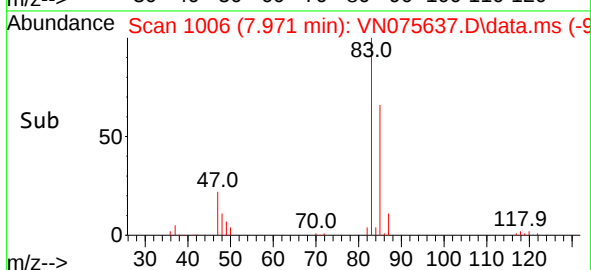
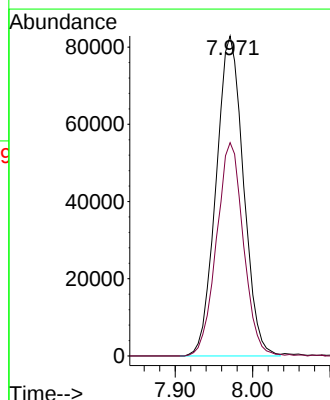
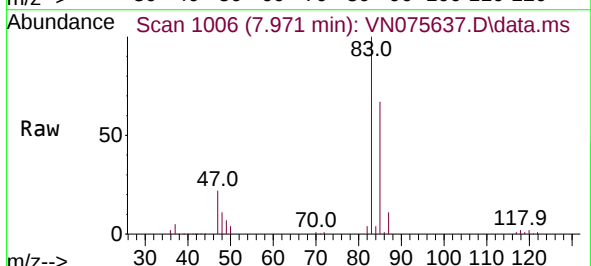
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

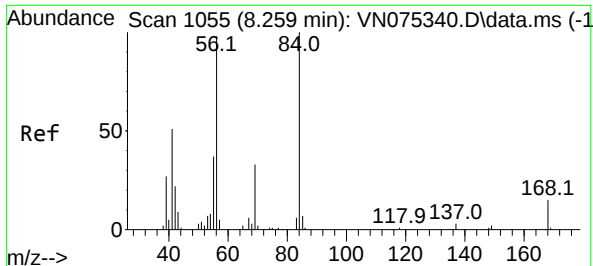
Tgt Ion:	42	Resp:	188185
Ion	Ratio	Lower	Upper
42	100		
72	55.4	43.0	64.6
71	50.7	39.9	59.9



#30
Chloroform
Concen: 52.158 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:	83	Resp:	203790
Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.4	77.0

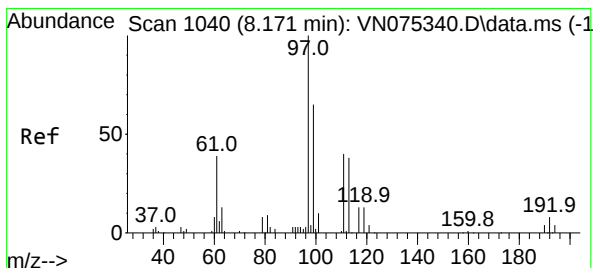
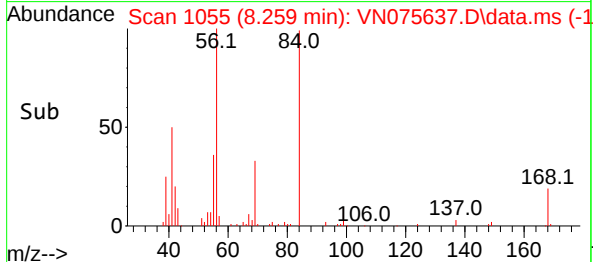
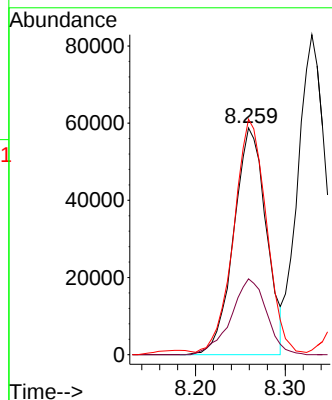
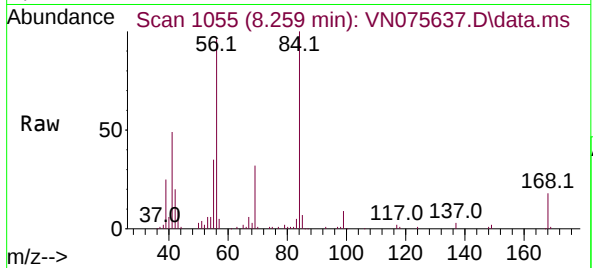




#31
Cyclohexane
Concen: 44.678 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

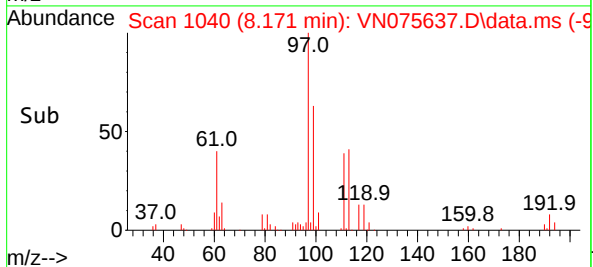
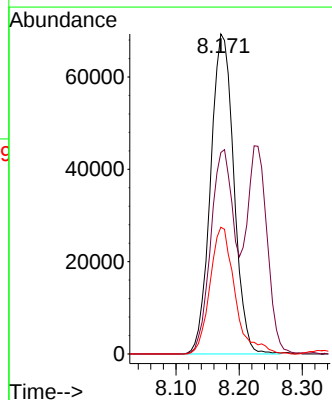
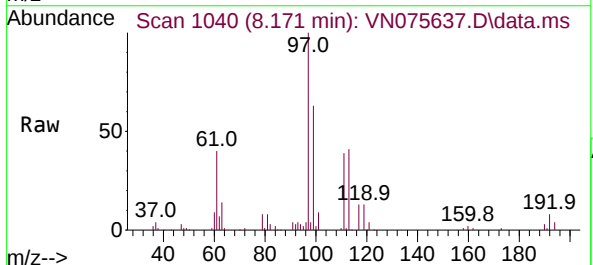
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

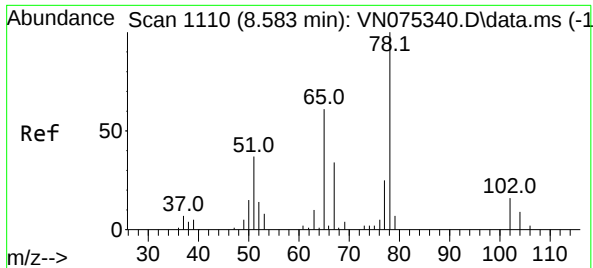
Tgt Ion: 56 Resp: 147756
Ion Ratio Lower Upper
56 100
69 33.4 25.2 37.8
84 102.0 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 50.017 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 97 Resp: 177443
Ion Ratio Lower Upper
97 100
99 64.5 50.2 75.2
61 42.5 37.0 55.6

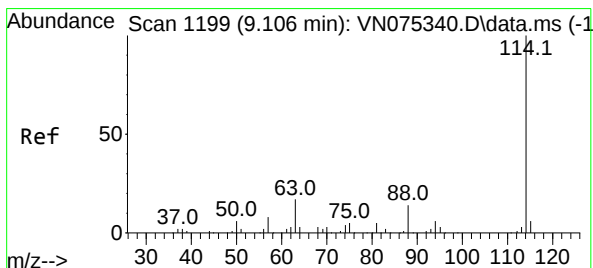
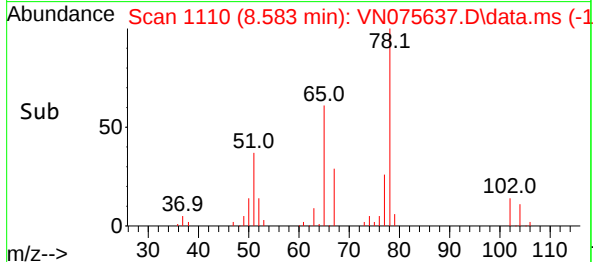
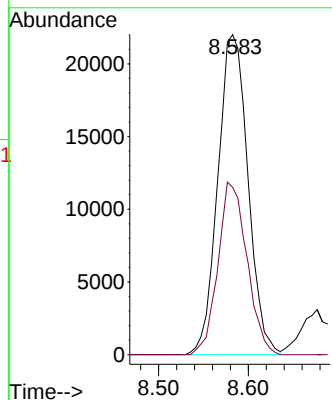
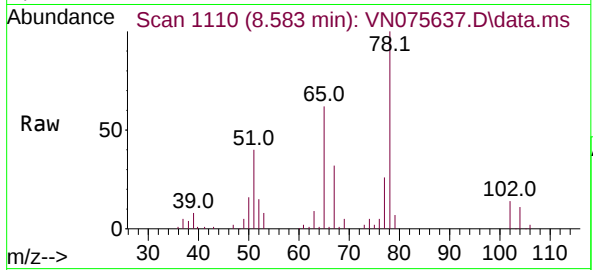




#33
1,2-Dichloroethane-d4
Concen: 49.325 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

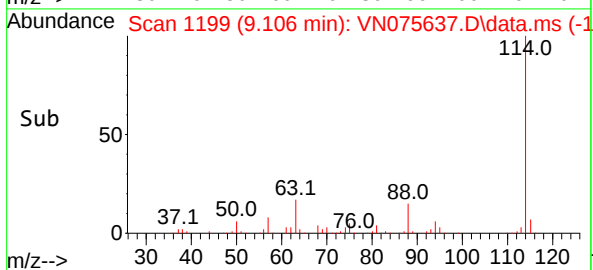
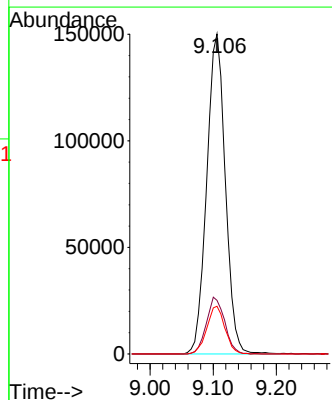
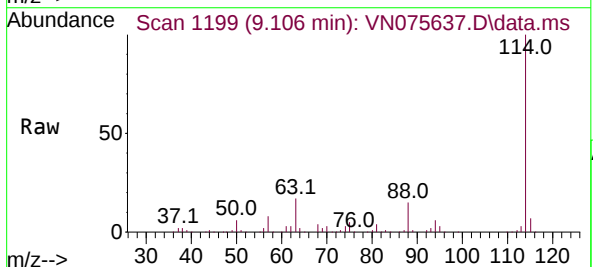
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

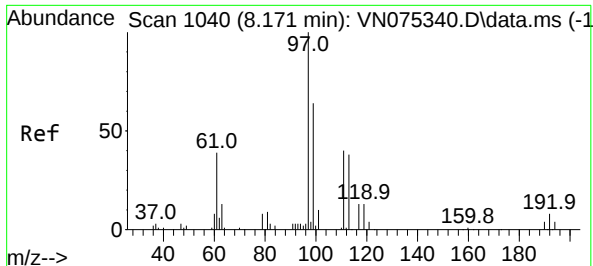
Tgt Ion: 65 Resp: 51343
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 114 Resp: 307148
Ion Ratio Lower Upper
114 100
63 16.8 0.0 39.6
88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.977 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

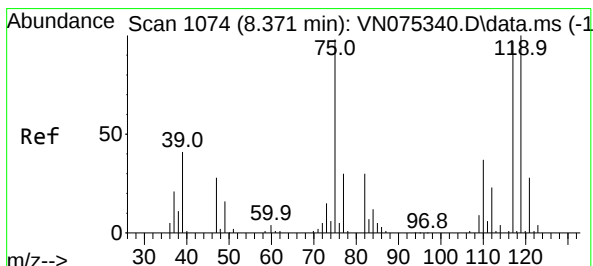
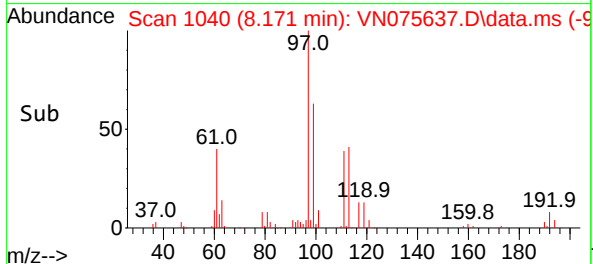
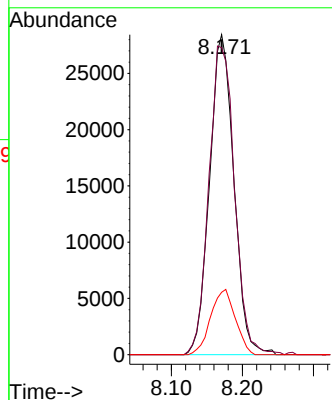
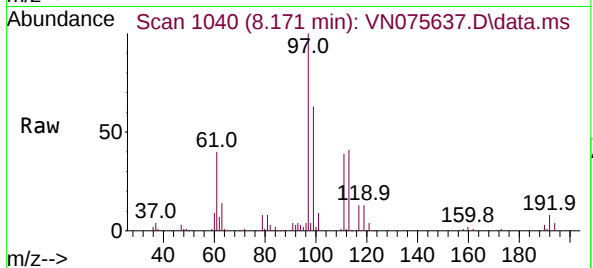
Tgt Ion:113 Resp: 67541

Ion Ratio Lower Upper

113 100

111 101.8 80.5 120.7

192 20.7 13.2 19.8#



#36

1,1-Dichloropropene

Concen: 53.365 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

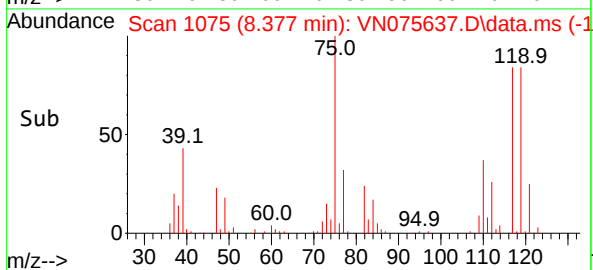
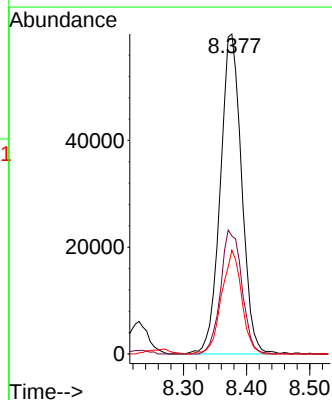
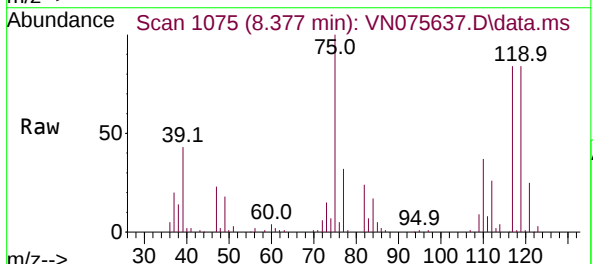
Tgt Ion: 75 Resp: 140417

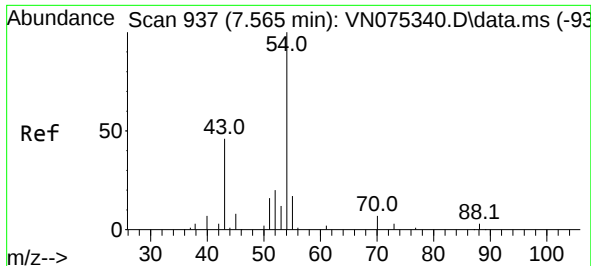
Ion Ratio Lower Upper

75 100

110 38.7 17.8 53.3

77 30.6 24.6 37.0

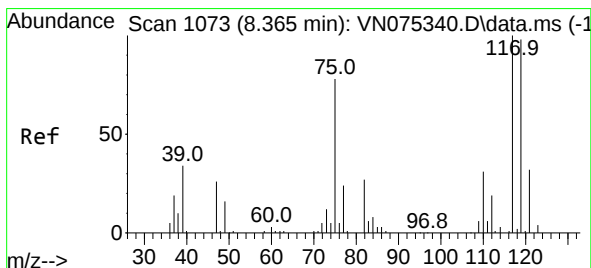
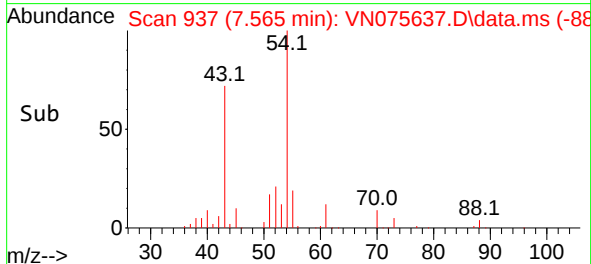
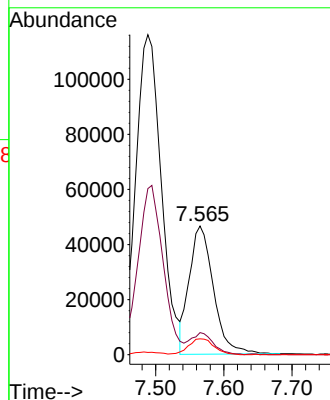
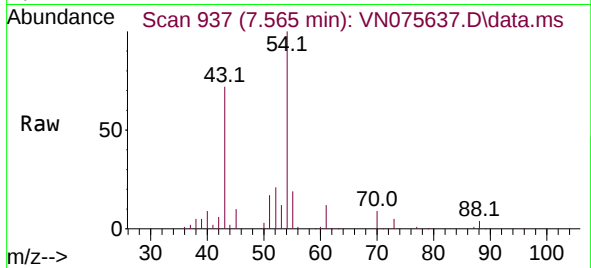




#37
Ethyl Acetate
Concen: 48.392 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

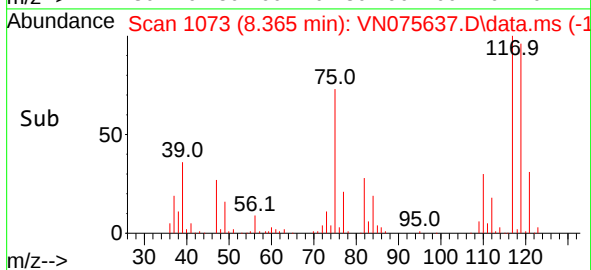
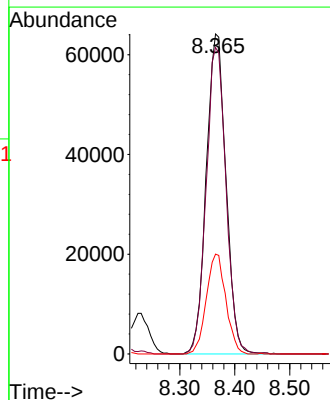
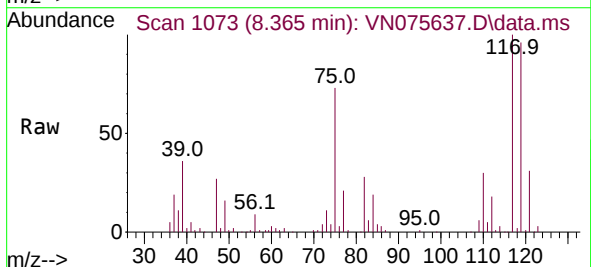
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 114653
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.4
70 13.0 9.4 14.2



#38
Carbon Tetrachloride
Concen: 55.215 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 117 Resp: 159598
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1
121 31.2 23.9 35.9

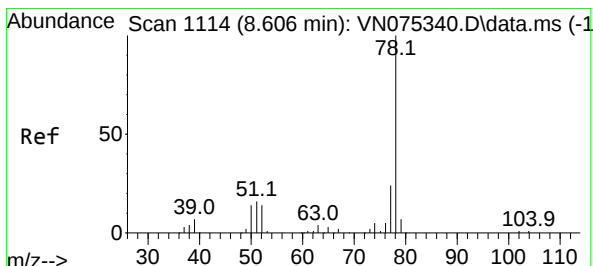
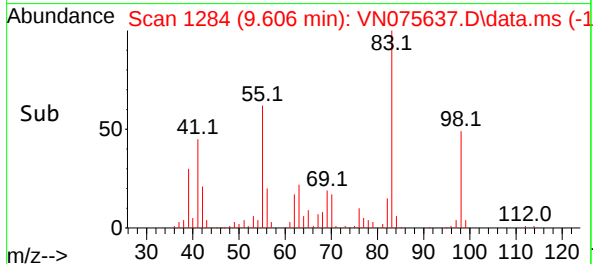
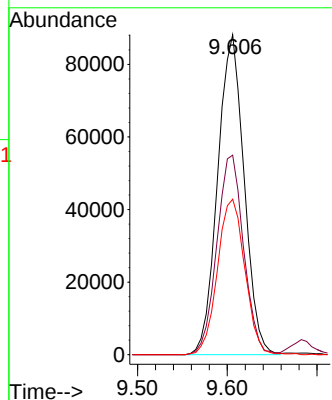
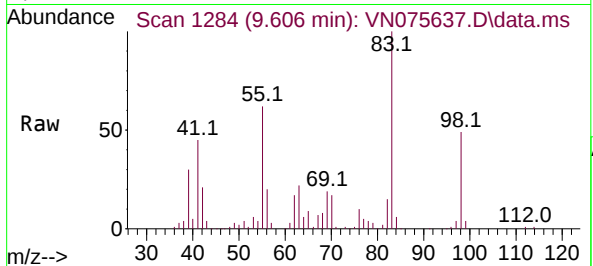




#39
Methylcyclohexane
Concen: 54.800 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

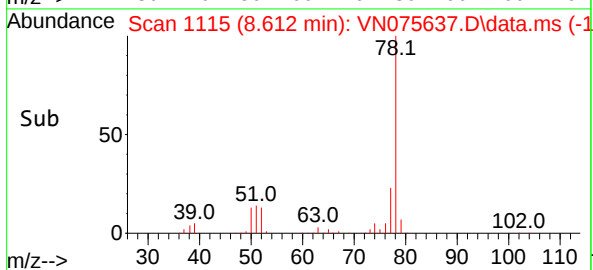
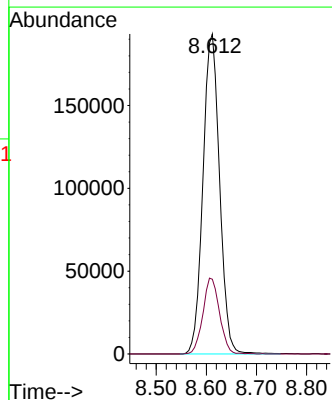
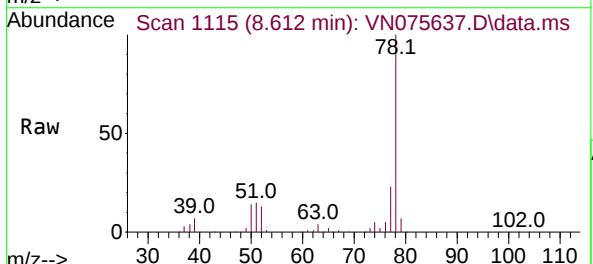
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 180465
Ion Ratio Lower Upper
83 100
55 62.3 53.6 80.4
98 48.6 41.1 61.7



#40
Benzene
Concen: 55.323 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 78 Resp: 445690
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

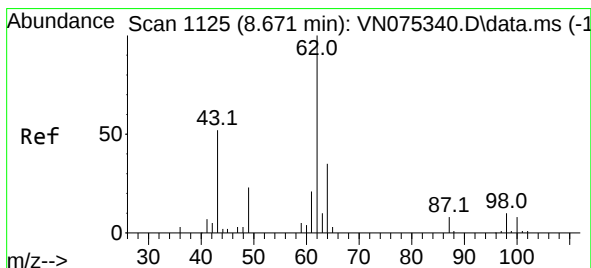
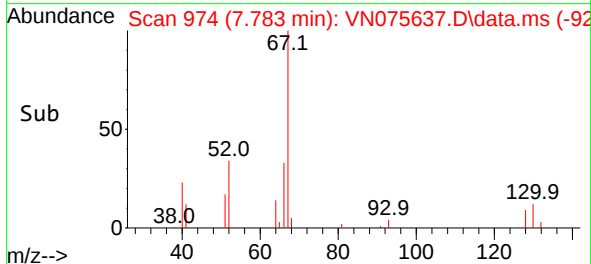
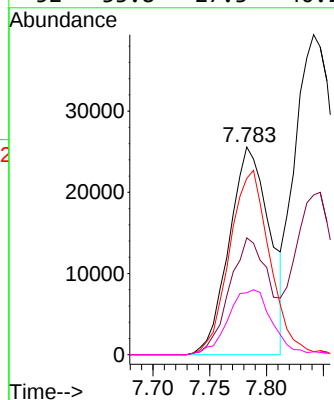
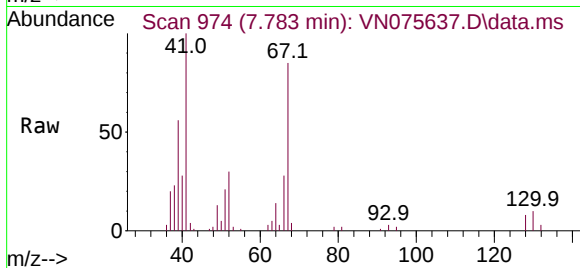




#41
Methacrylonitrile
Concen: 52.461 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

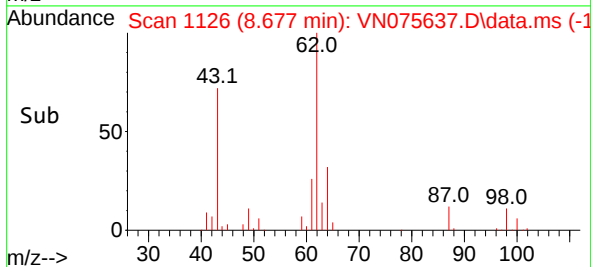
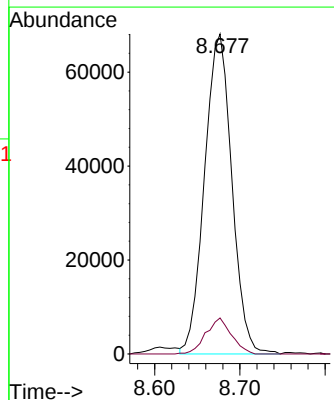
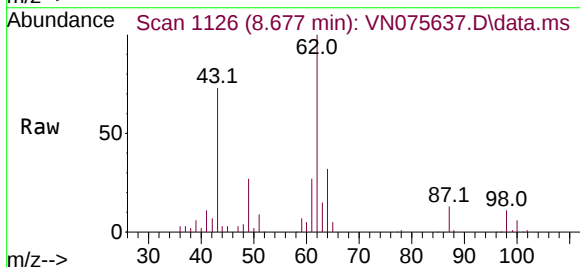
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

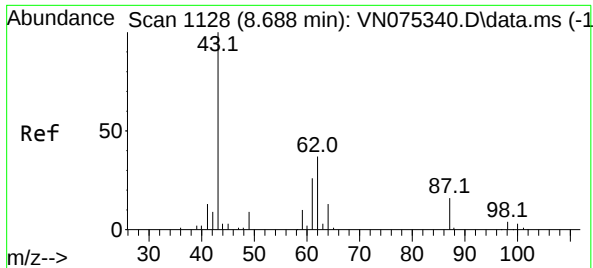
Tgt Ion:	41	Resp:	63546
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.4	66.6
67	88.3	69.8	104.6
52	33.8	27.3	40.9



#42
1,2-Dichloroethane
Concen: 56.257 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:	62	Resp:	151788
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	18.2

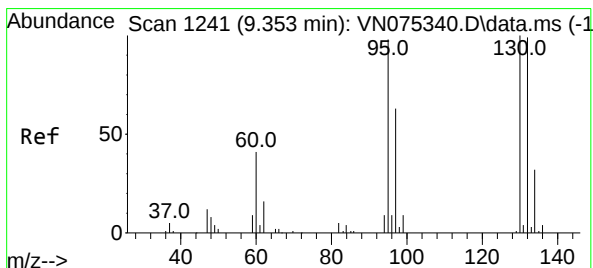
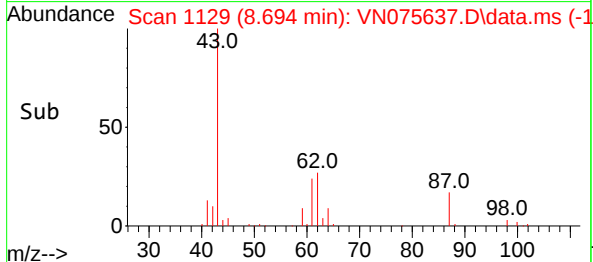
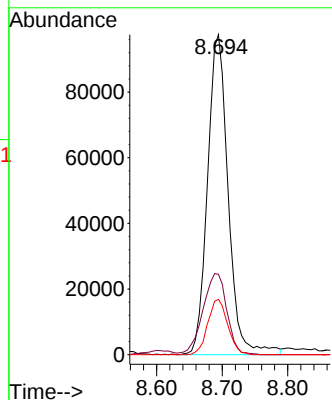
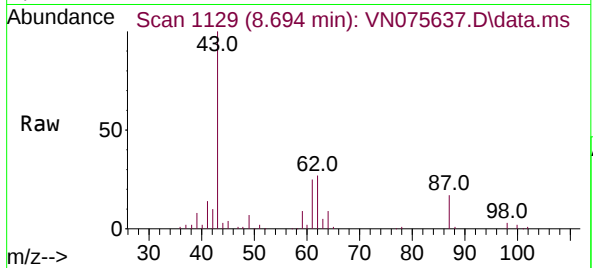




#43
Isopropyl Acetate
Concen: 56.243 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

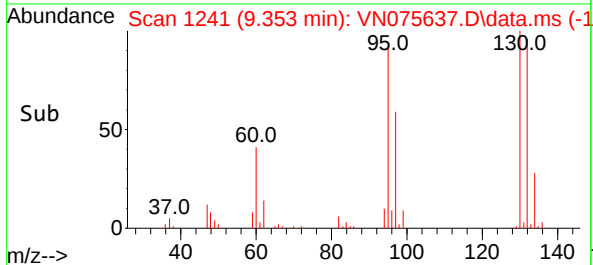
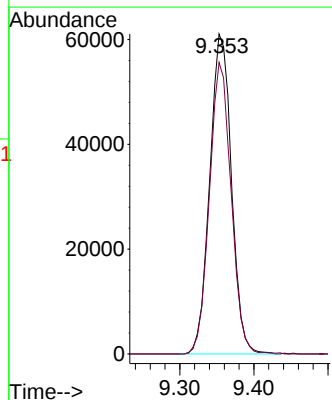
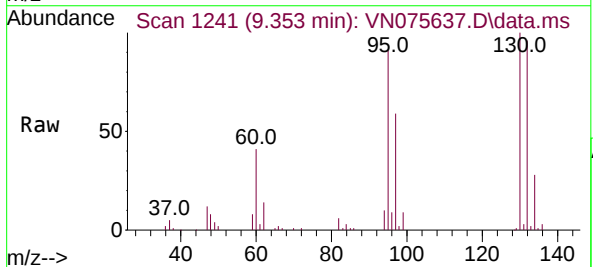
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 213891
Ion Ratio Lower Upper
43 100
61 29.3 22.4 33.6
87 16.6 12.5 18.7



#44
Trichloroethene
Concen: 56.392 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:130 Resp: 124309
Ion Ratio Lower Upper
130 100
95 91.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 56.574 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

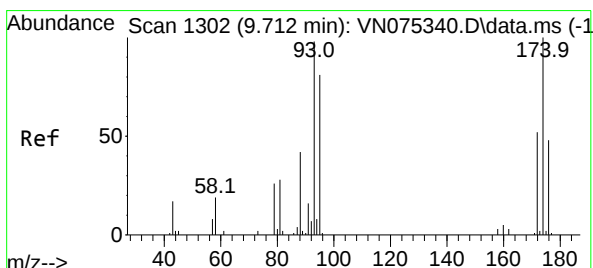
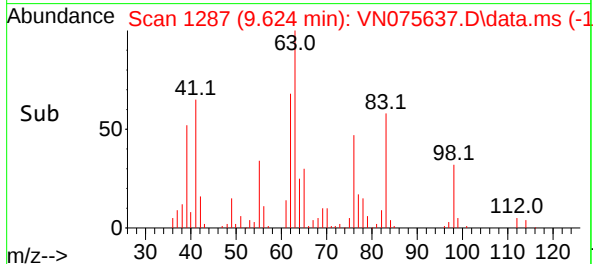
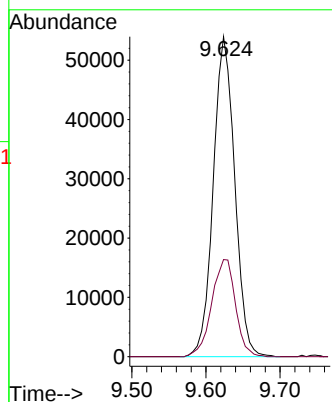
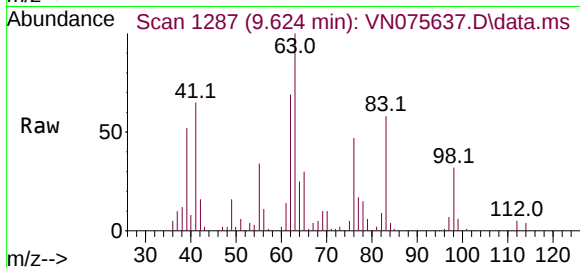
VSTDCCC050

Tgt Ion: 63 Resp: 108612

Ion Ratio Lower Upper

63 100

65 30.4 26.1 39.1



#46

Dibromomethane

Concen: 56.538 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

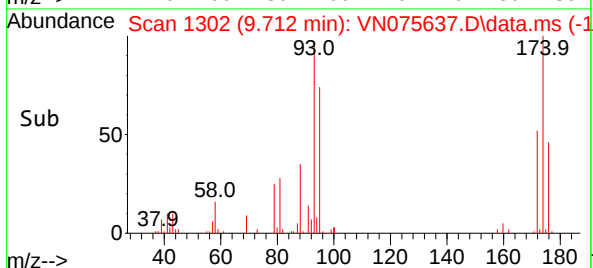
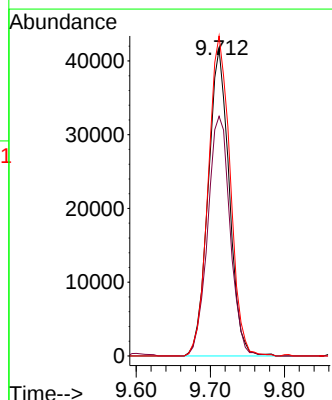
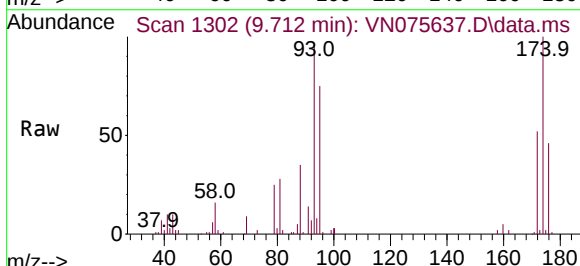
Tgt Ion: 93 Resp: 82100

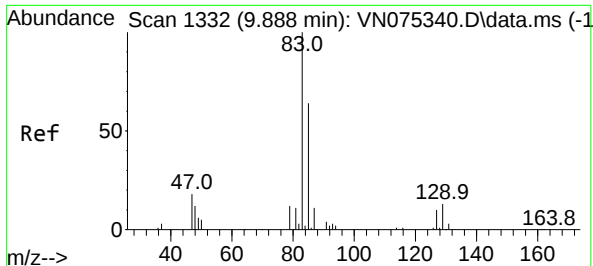
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

174 108.5 70.3 105.5





#47

Bromodichloromethane

Concen: 57.924 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

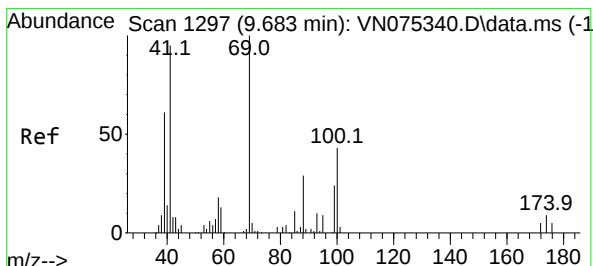
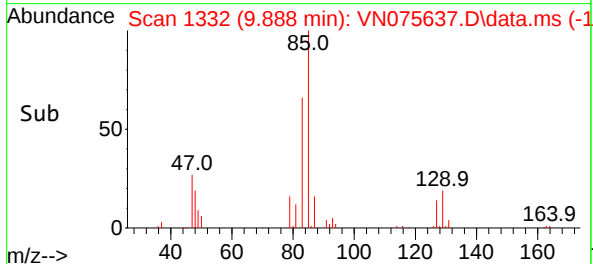
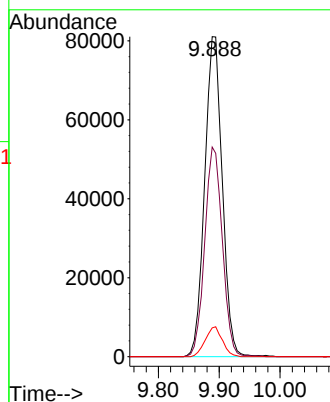
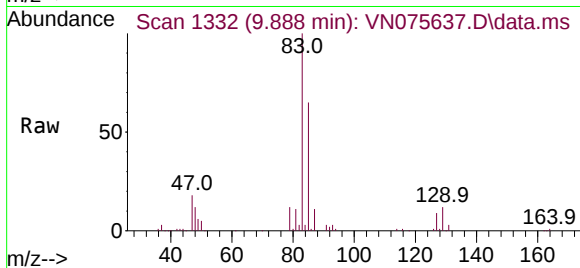
Tgt Ion: 83 Resp: 162887

Ion Ratio Lower Upper

83 100

85 65.5 52.1 78.1

127 9.0 6.6 10.0



#48

Methyl methacrylate

Concen: 52.862 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. -0.001 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

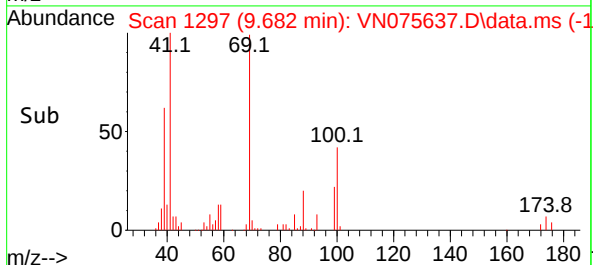
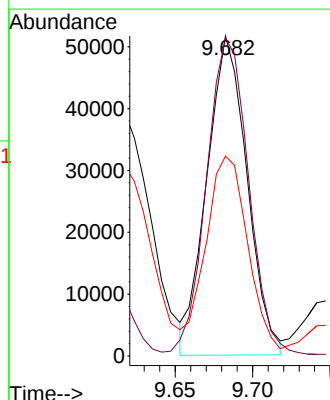
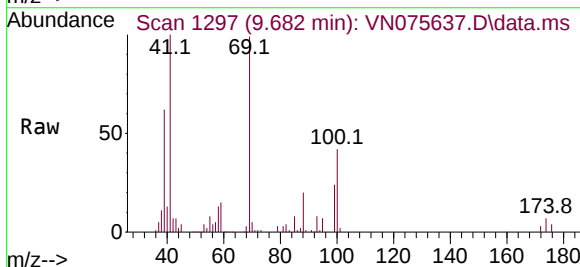
Tgt Ion: 41 Resp: 92957

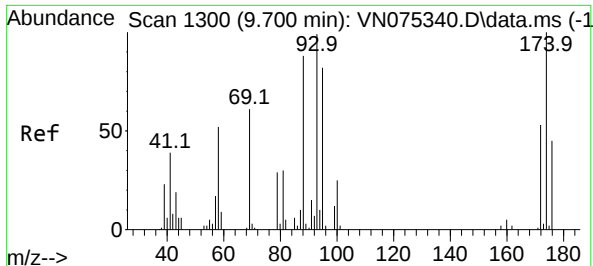
Ion Ratio Lower Upper

41 100

69 105.3 80.2 120.2

39 66.5 56.2 84.2





#49

1,4-Dioxane

Concen: 950.918 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

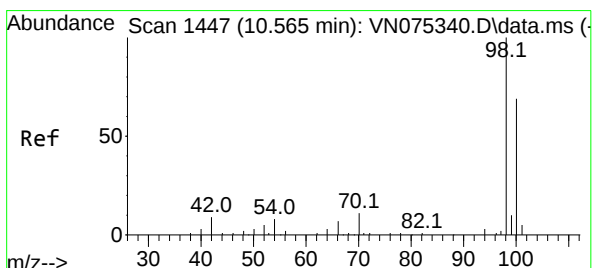
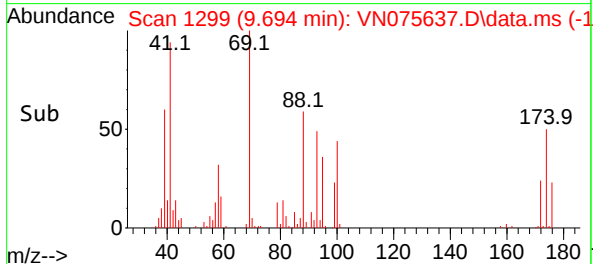
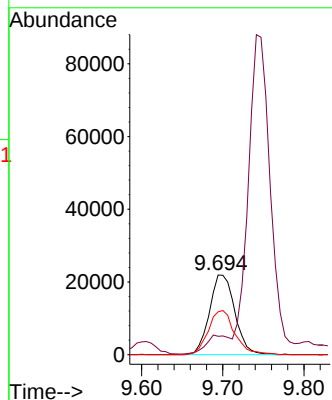
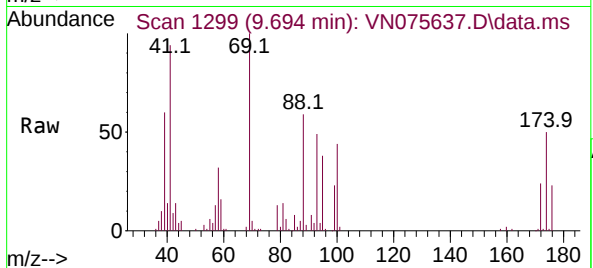
Tgt Ion: 88 Resp: 47482

Ion Ratio Lower Upper

88 100

43 19.9 17.5 26.3

58 58.0 49.8 74.8



#50

Toluene-d8

Concen: 52.655 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075637.D

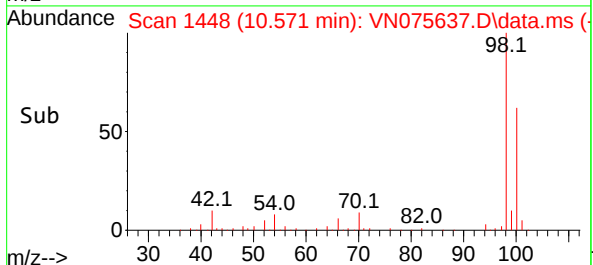
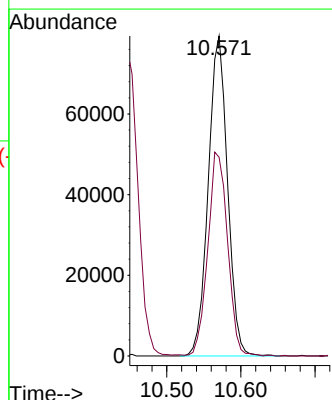
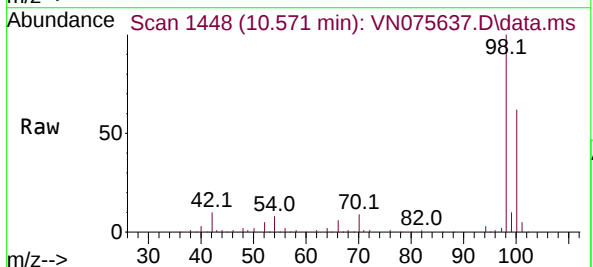
Acq: 08 Dec 2022 09:43

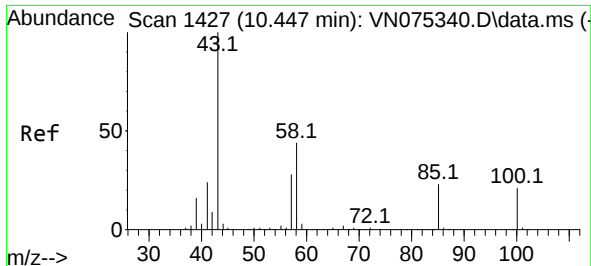
Tgt Ion: 98 Resp: 143092

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 254.735 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

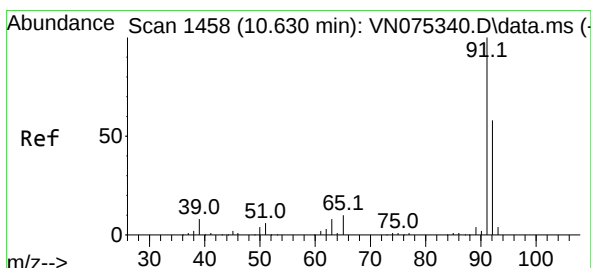
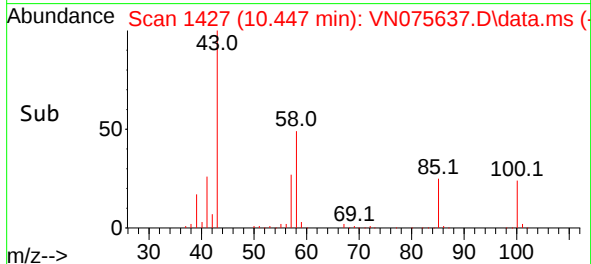
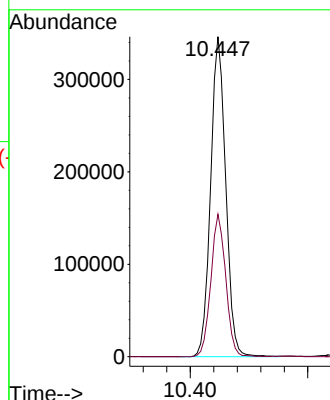
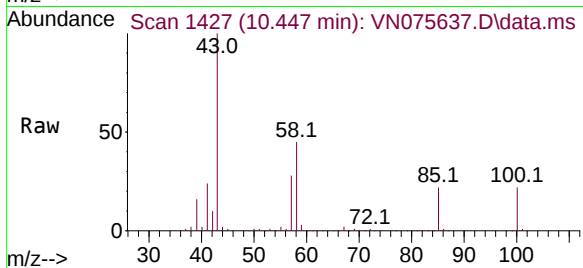
VSTDCCC050

Tgt Ion: 43 Resp: 617016

Ion Ratio Lower Upper

43 100

58 43.9 33.6 50.4



#52

Toluene

Concen: 58.378 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. -0.001 min

Lab File: VN075637.D

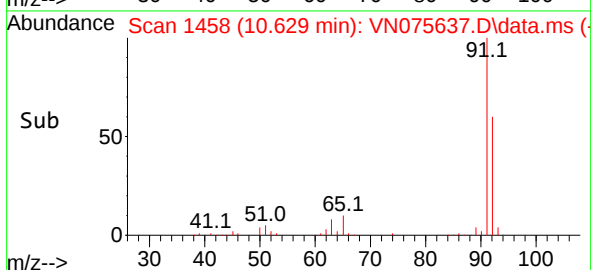
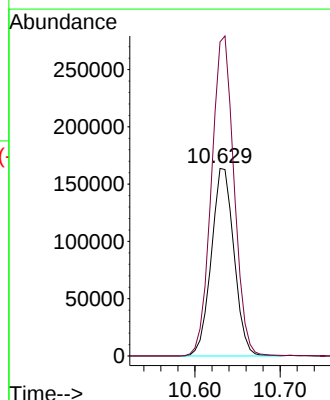
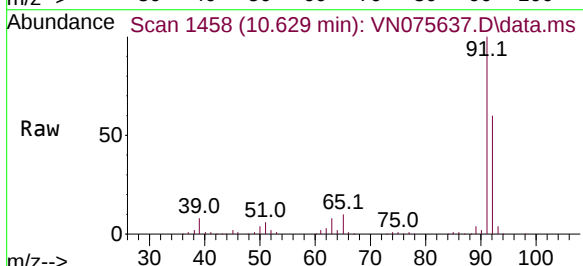
Acq: 08 Dec 2022 09:43

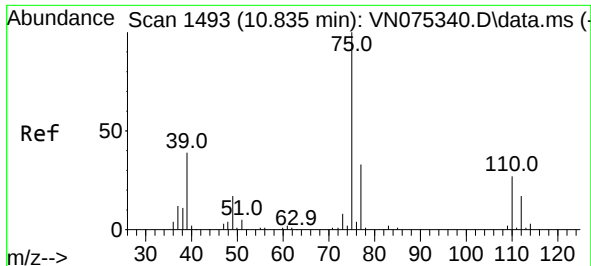
Tgt Ion: 92 Resp: 303067

Ion Ratio Lower Upper

92 100

91 170.3 135.4 203.2

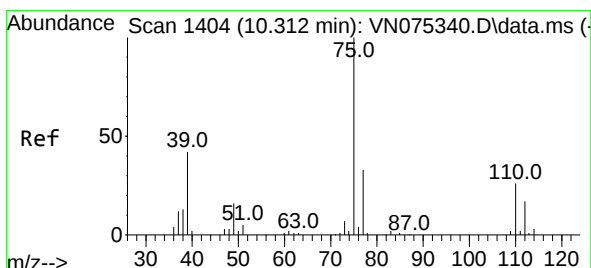
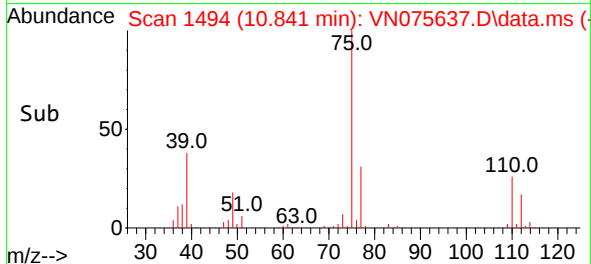
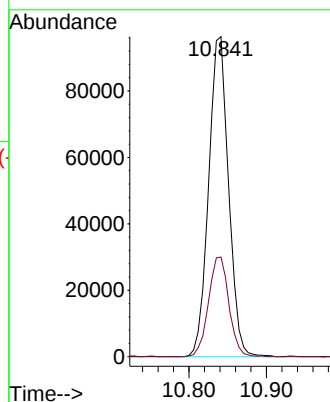
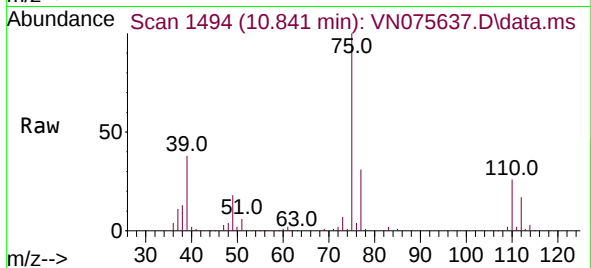




#53
 t-1,3-Dichloropropene
 Concen: 61.029 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

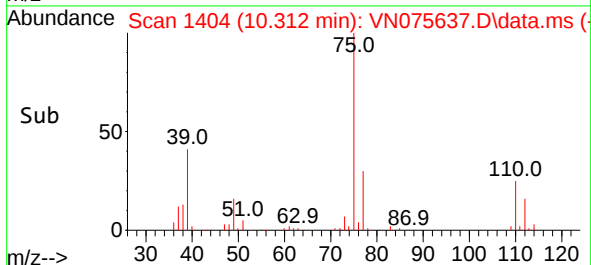
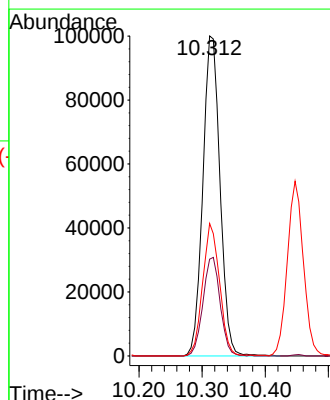
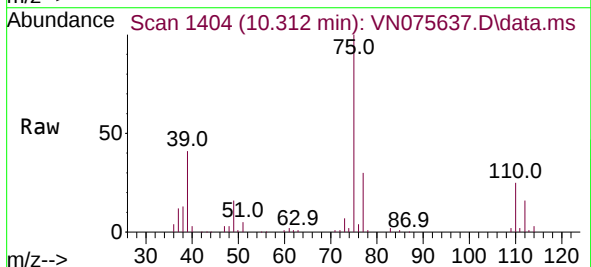
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

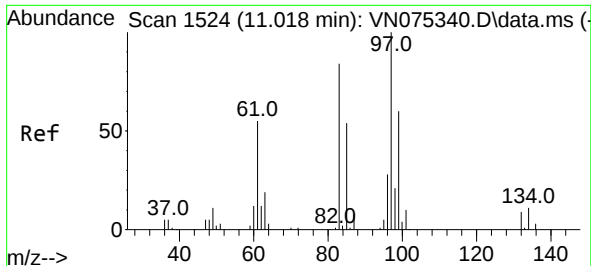
Tgt Ion: 75 Resp: 172292
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 61.486 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

Tgt Ion: 75 Resp: 188528
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.7 35.5
 39 41.4 35.8 53.6

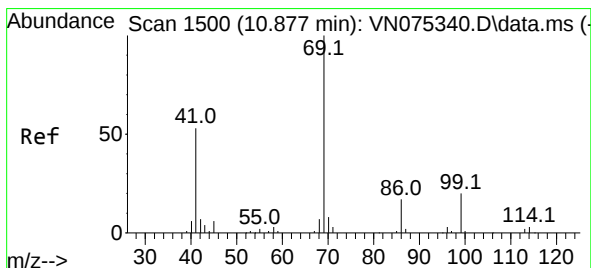
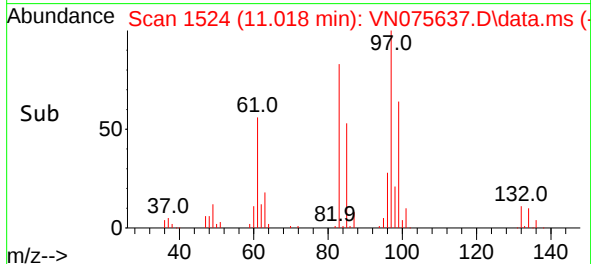
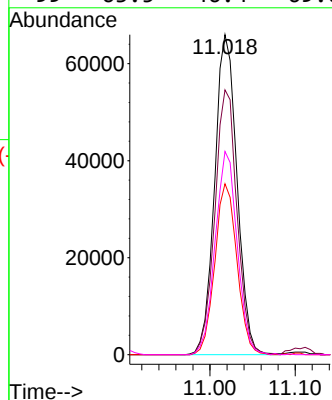
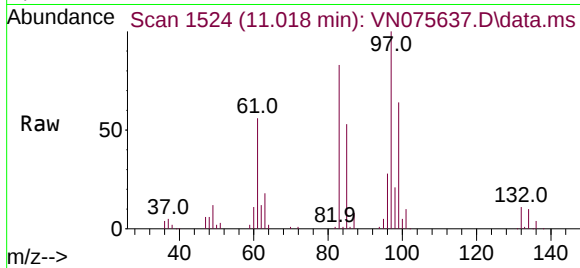




#55
1,1,2-Trichloroethane
Concen: 56.861 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

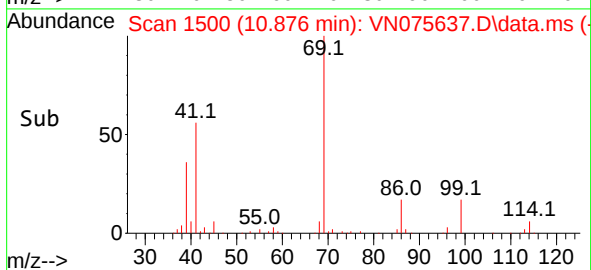
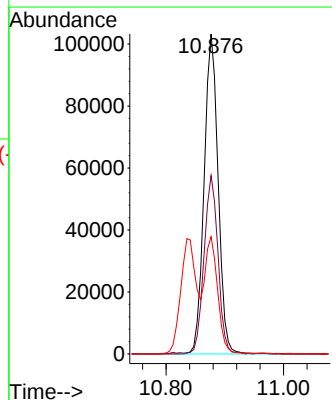
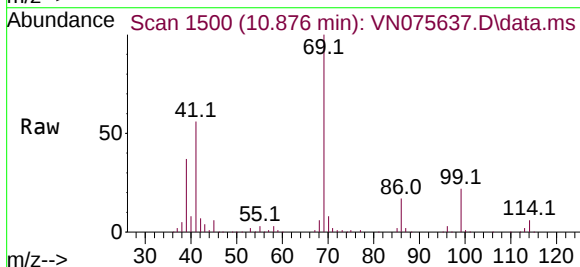
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

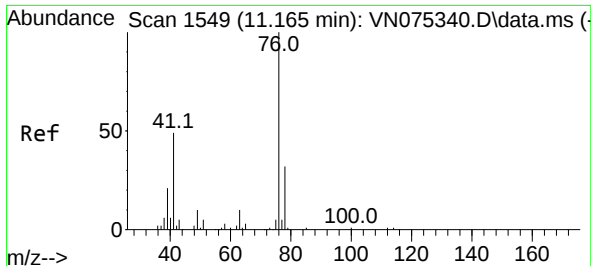
Tgt Ion:	97	Resp:	120230
Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.9	98.9
85	53.4	40.4	60.6
99	63.5	46.4	69.6



#56
Ethyl methacrylate
Concen: 59.682 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:	69	Resp:	170423
Ion	Ratio	Lower	Upper
69	100		
41	55.7	45.6	68.4
39	33.5	28.5	42.7





#57

1,3-Dichloropropane

Concen: 56.232 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

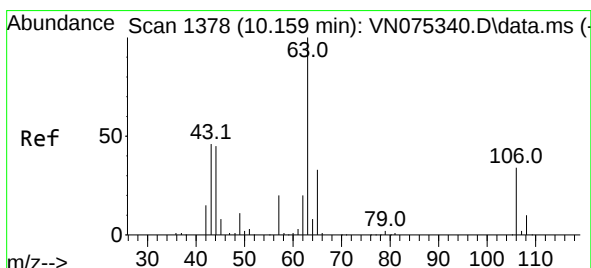
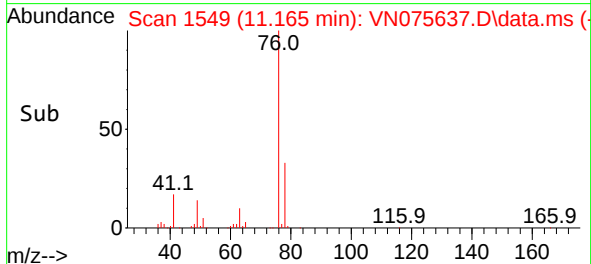
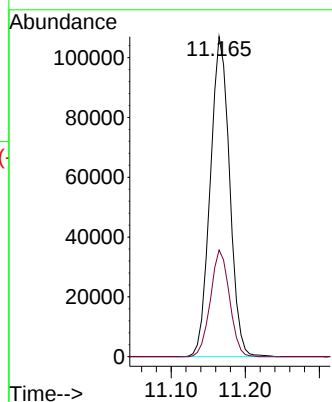
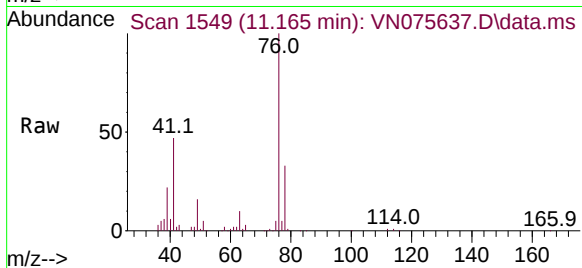
VSTDCCC050

Tgt Ion: 76 Resp: 193871

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 268.907 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075637.D

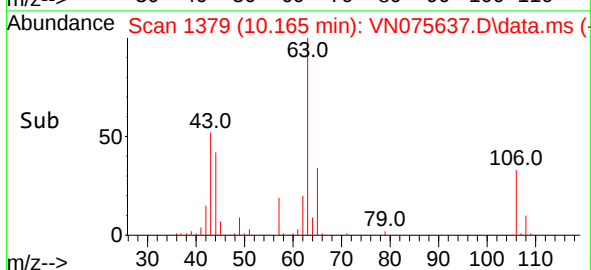
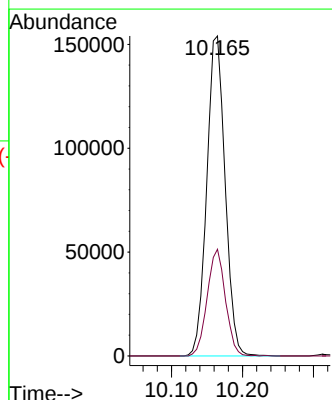
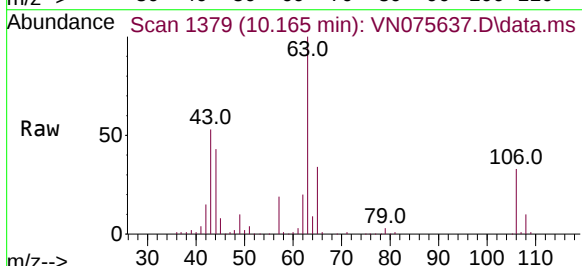
Acq: 08 Dec 2022 09:43

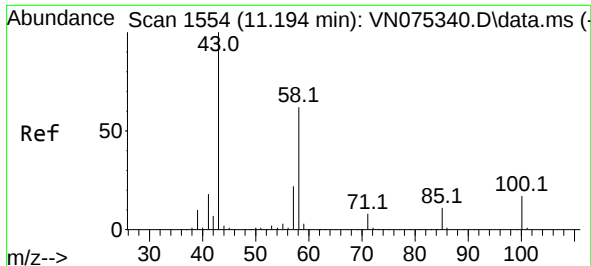
Tgt Ion: 63 Resp: 276935

Ion Ratio Lower Upper

63 100

106 33.0 24.8 37.2

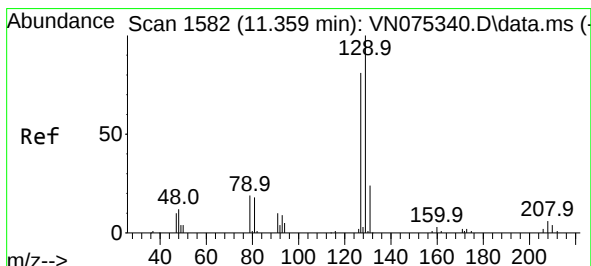
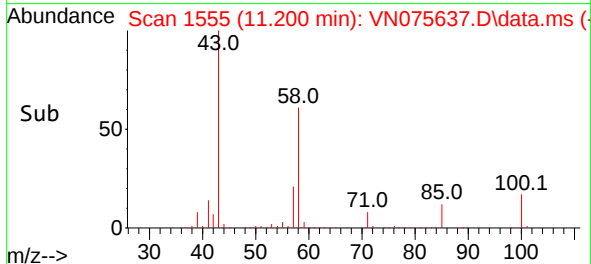
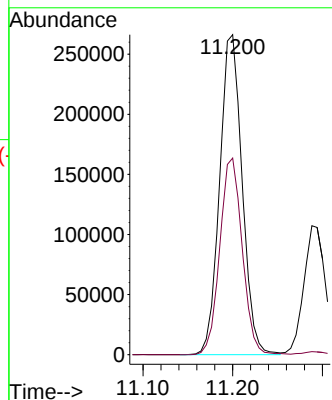
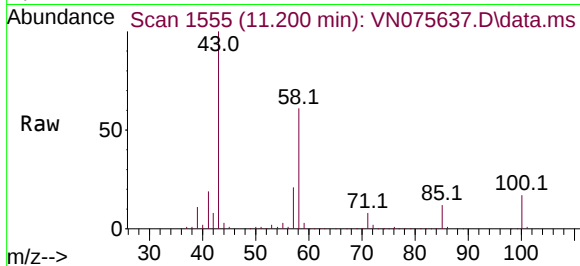




#59
2-Hexanone
Concen: 254.872 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

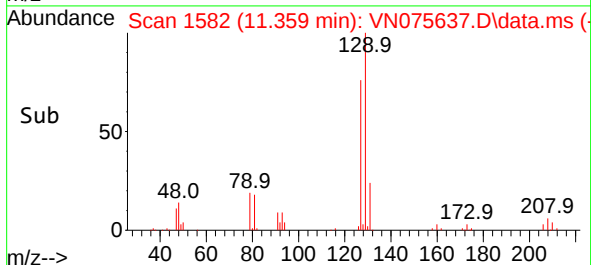
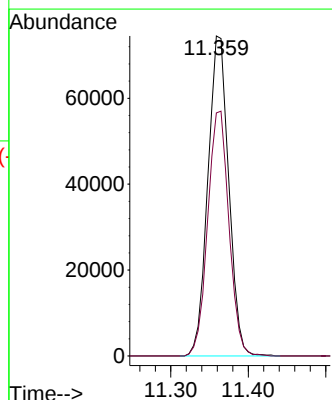
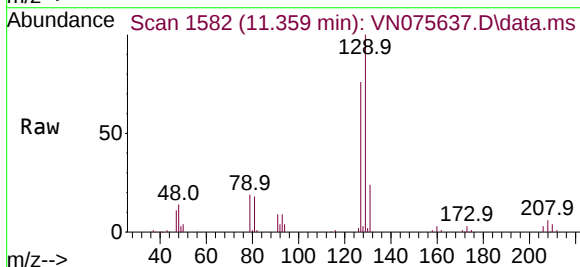
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

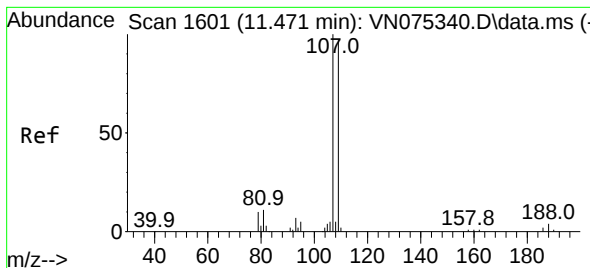
Tgt Ion: 43 Resp: 463570
Ion Ratio Lower Upper
43 100
58 61.2 29.6 88.8



#60
Dibromochloromethane
Concen: 64.023 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 129 Resp: 138954
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

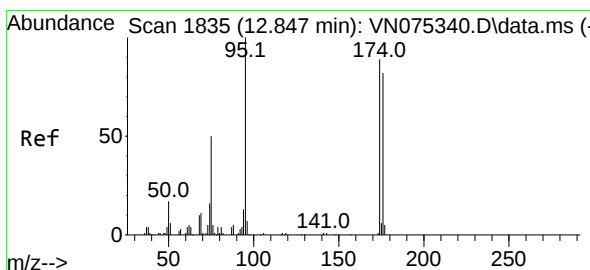
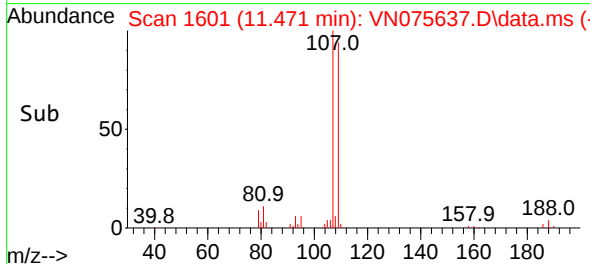
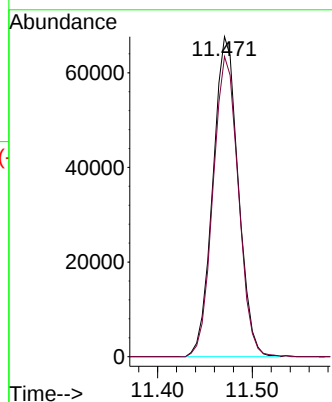
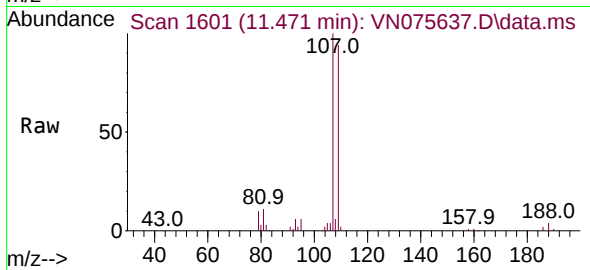




#61
1,2-Dibromoethane
Concen: 57.204 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

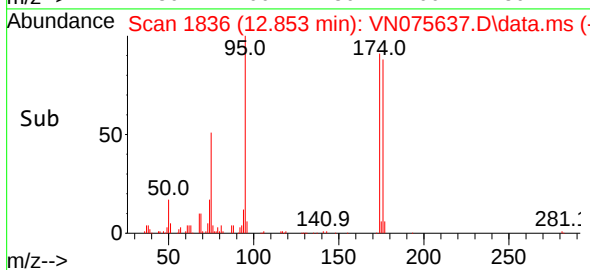
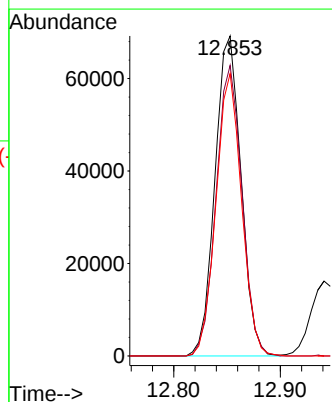
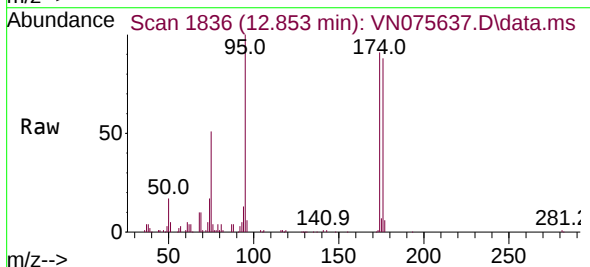
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

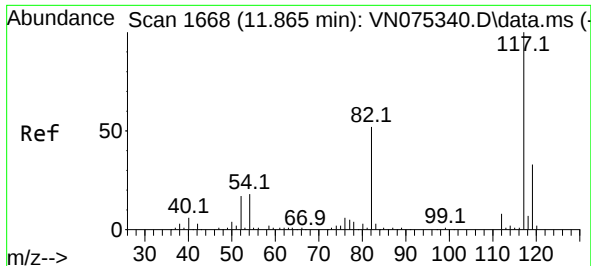
Tgt Ion:107 Resp: 125542
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.595 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 95 Resp: 117533
Ion Ratio Lower Upper
95 100
174 90.1 0.0 147.4
176 86.5 0.0 142.2

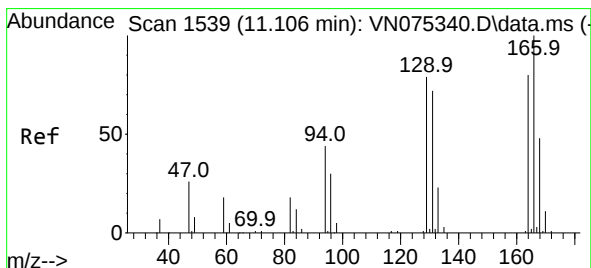
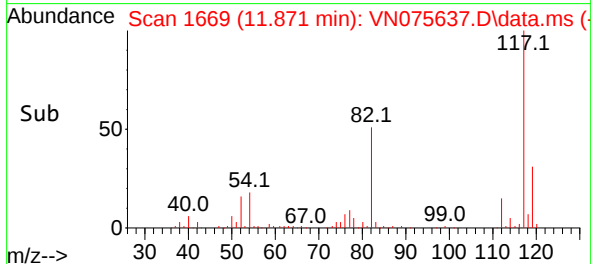
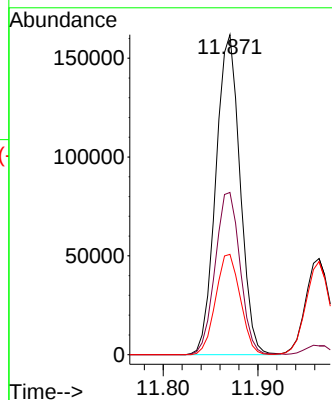
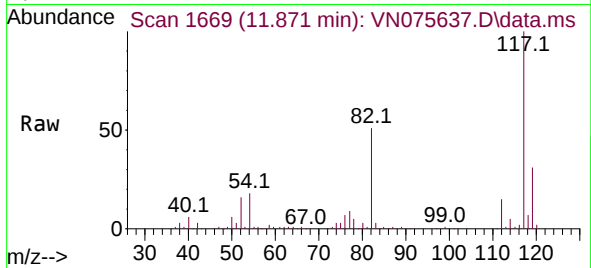




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

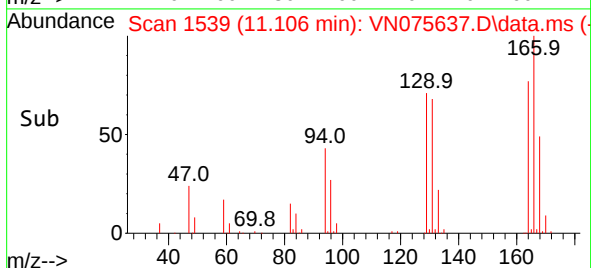
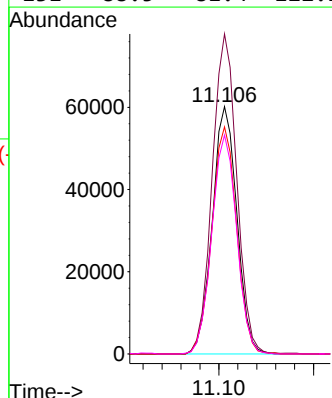
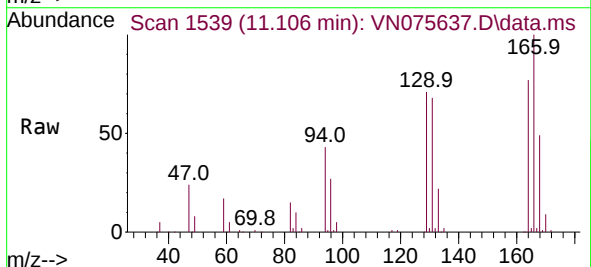
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

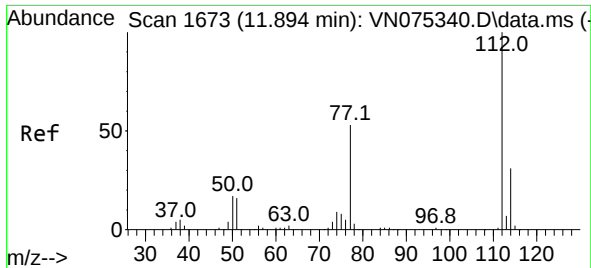
Tgt Ion:117 Resp: 287810
Ion Ratio Lower Upper
117 100
82 50.7 43.1 64.7
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 49.456 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:164 Resp: 108697
Ion Ratio Lower Upper
164 100
166 129.3 106.5 159.7
129 91.8 81.9 122.9
131 88.5 81.4 122.2

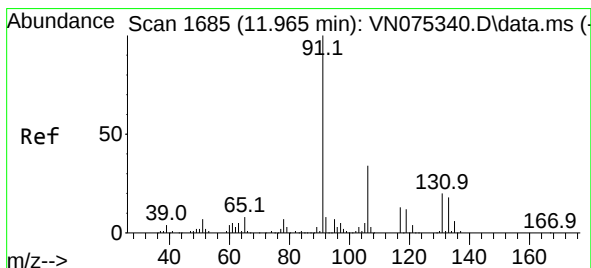
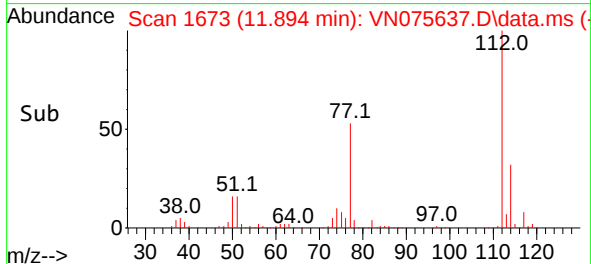
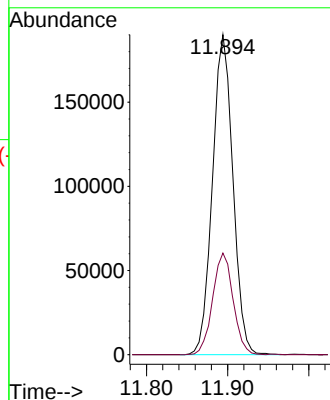
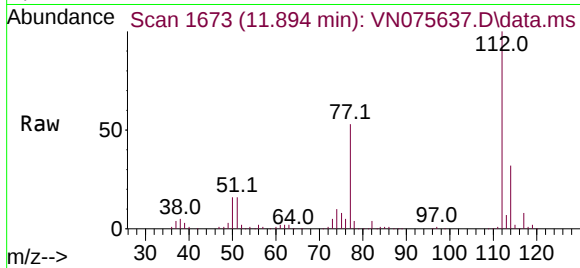




#65
Chlorobenzene
Concen: 55.931 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

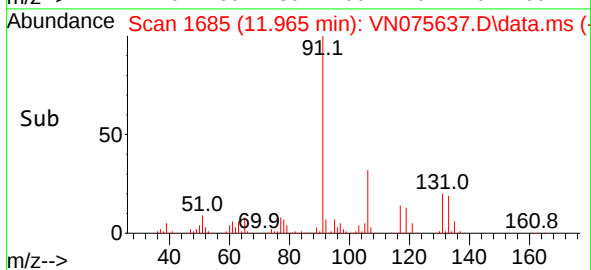
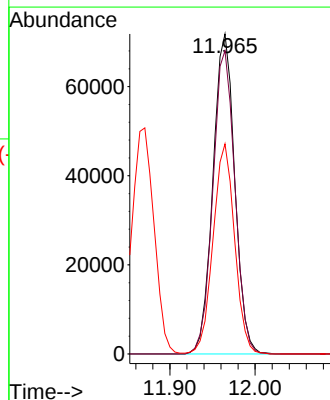
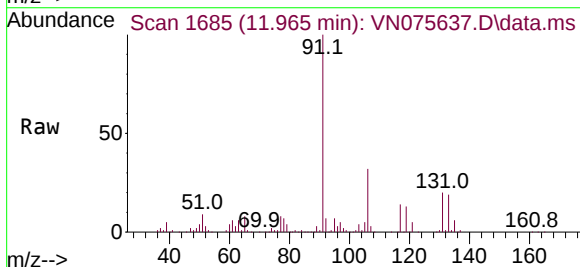
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 332439
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.483 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:131 Resp: 127517
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 64.9 33.0 99.0

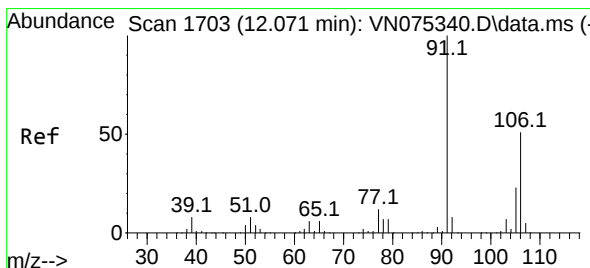
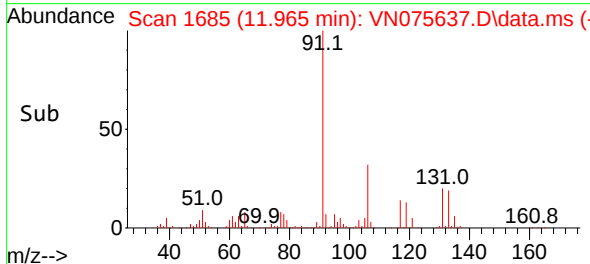
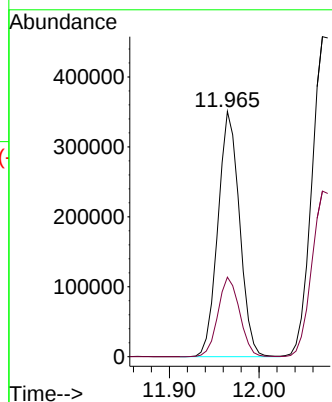
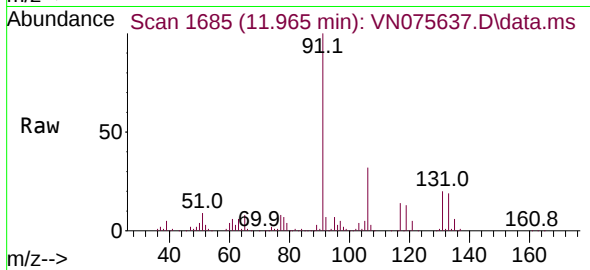




#67
Ethyl Benzene
Concen: 57.707 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

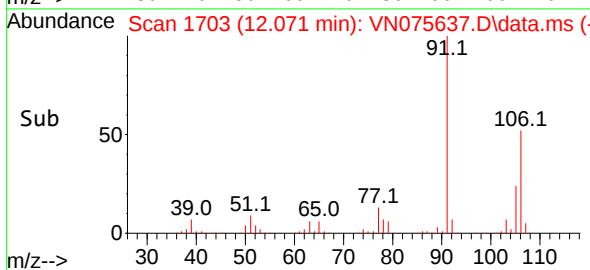
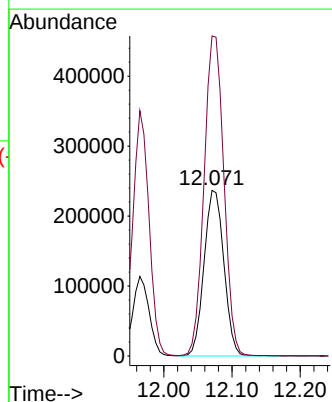
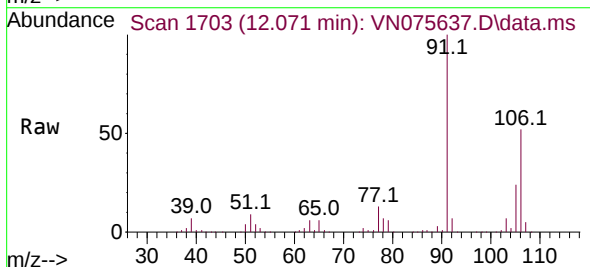
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

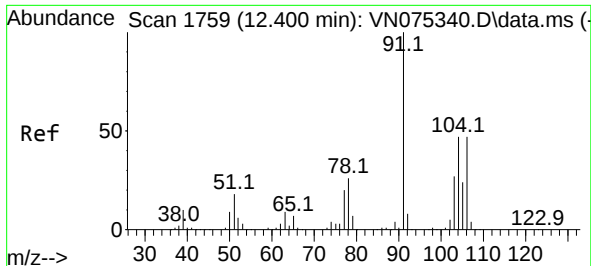
Tgt Ion: 91 Resp: 585176
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3



#68
m/p-Xylenes
Concen: 116.298 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 106 Resp: 478903
Ion Ratio Lower Upper
106 100
91 193.0 156.0 234.0

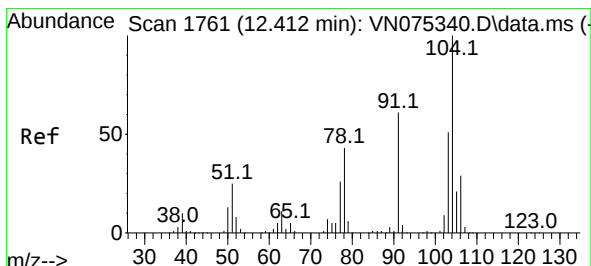
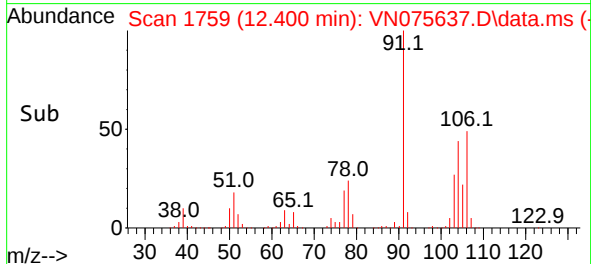
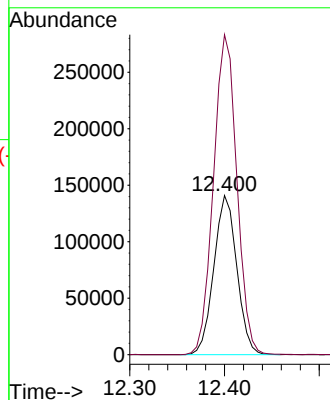
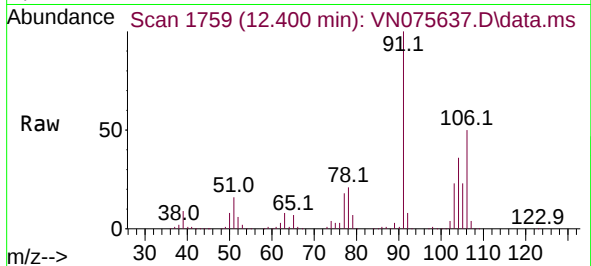




#69
o-Xylene
Concen: 58.013 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

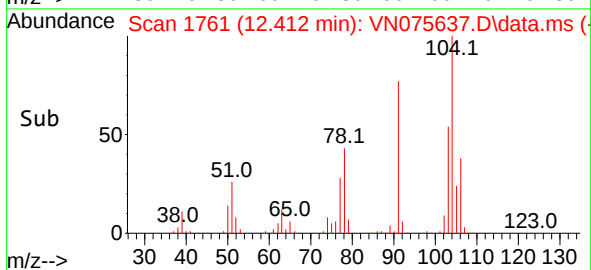
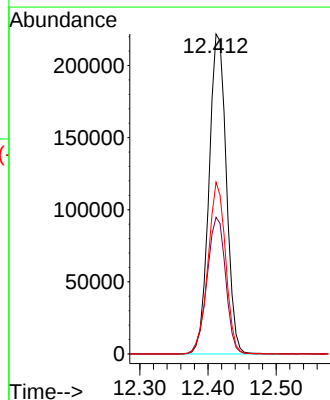
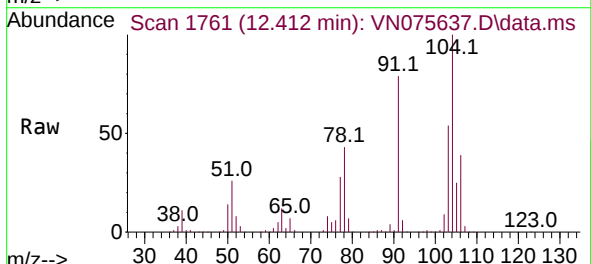
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

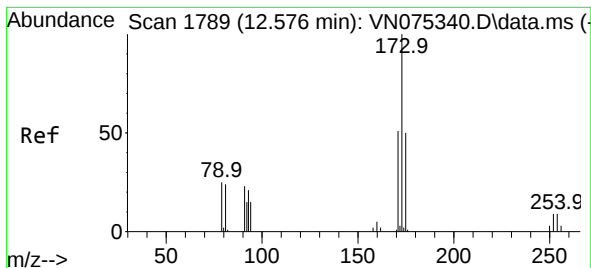
Tgt Ion:106 Resp: 237355
Ion Ratio Lower Upper
106 100
91 204.6 105.2 315.5



#70
Styrene
Concen: 60.809 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:104 Resp: 392479
Ion Ratio Lower Upper
104 100
78 45.8 38.1 57.1
103 54.6 44.6 66.8





#71

Bromoform

Concen: 61.821 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

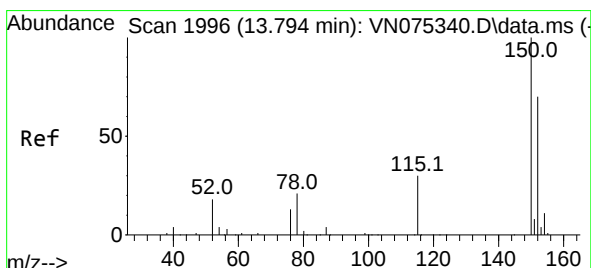
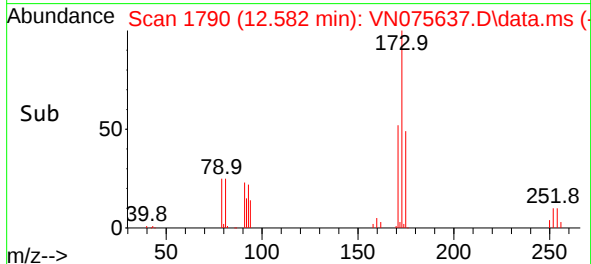
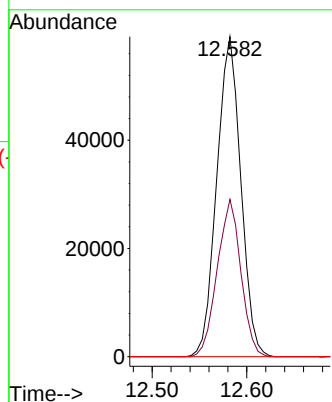
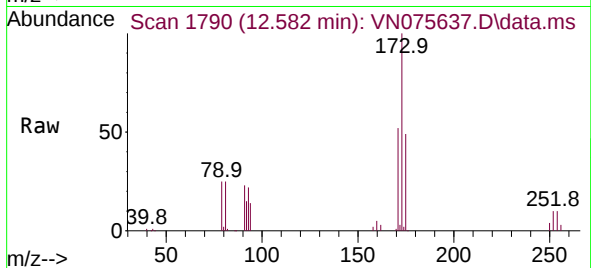
Tgt Ion:173 Resp: 104376

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

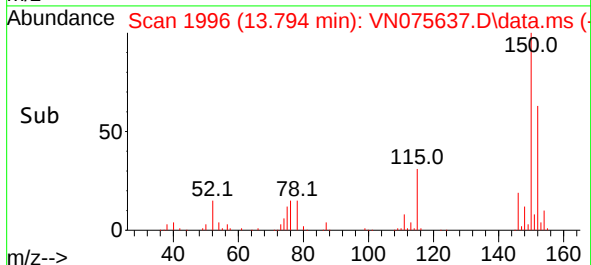
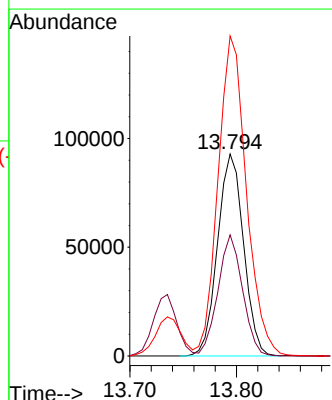
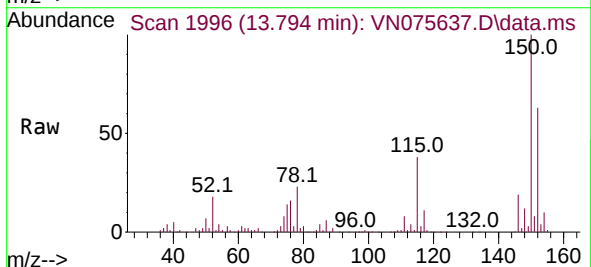
Tgt Ion:152 Resp: 157342

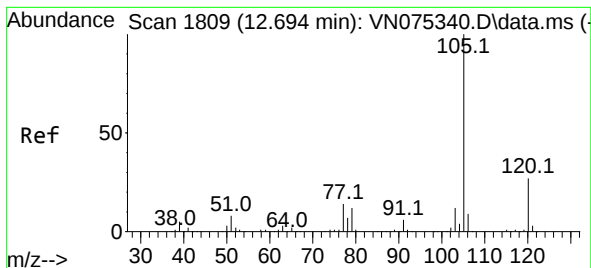
Ion Ratio Lower Upper

152 100

115 56.6 30.2 90.6

150 172.7 0.0 348.4





#73

Isopropylbenzene

Concen: 52.686 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

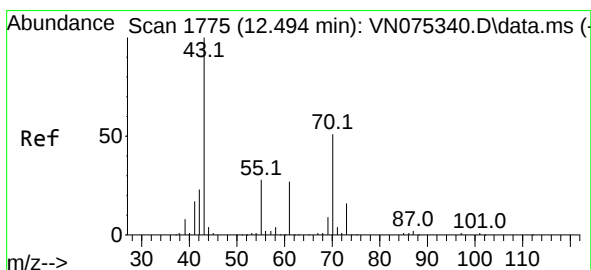
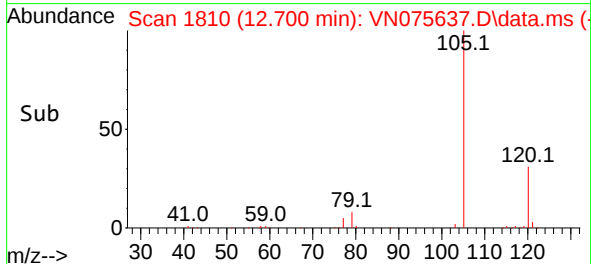
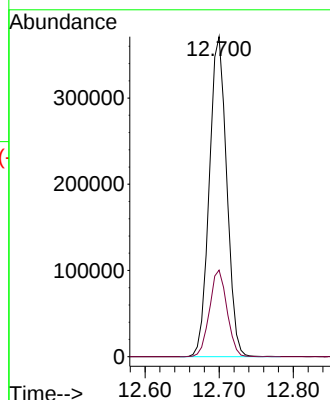
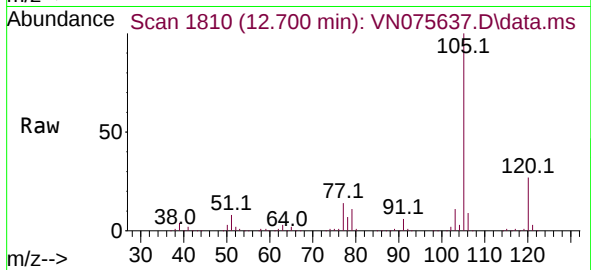
VSTDCCC050

Tgt Ion:105 Resp: 605641

Ion Ratio Lower Upper

105 100

120 27.1 13.1 39.1



#74

N-ethyl acetate

Concen: 54.509 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Tgt Ion: 43 Resp: 192636

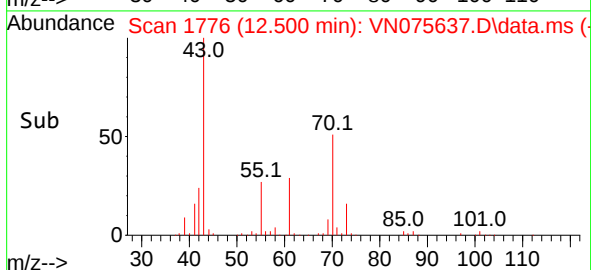
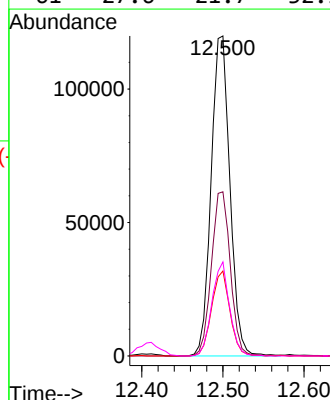
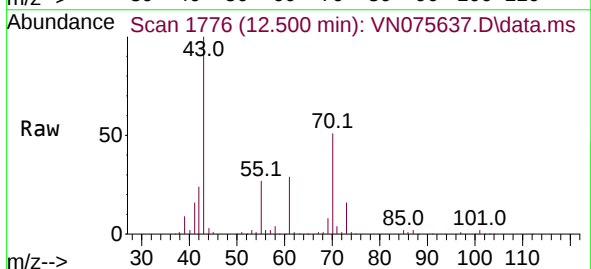
Ion Ratio Lower Upper

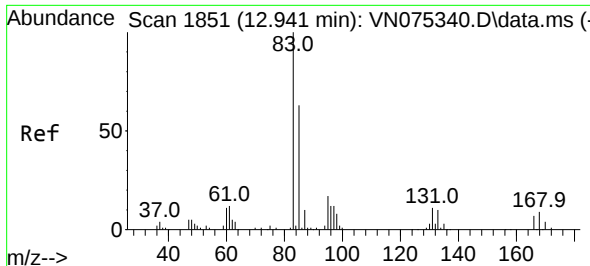
43 100

70 51.7 39.8 59.8

55 25.9 19.9 29.9

61 27.6 21.7 32.5

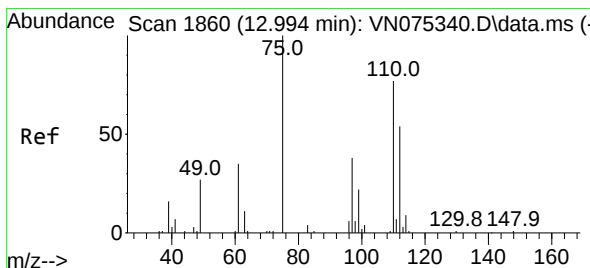
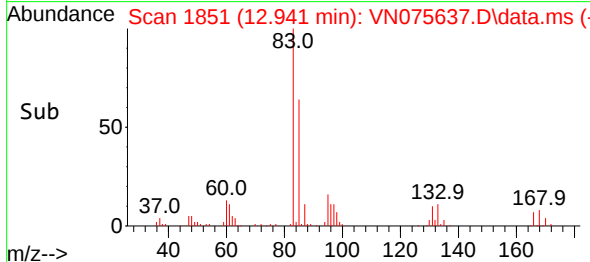
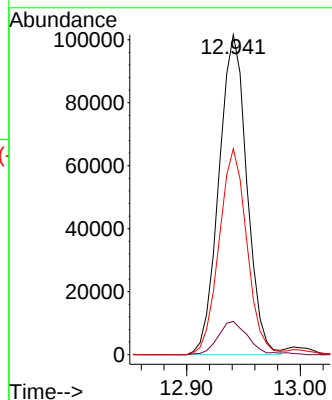
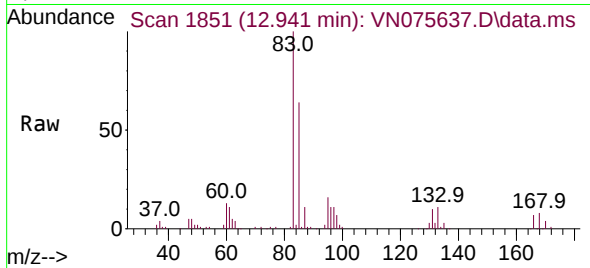




#75
1,1,2,2-Tetrachloroethane
Concen: 49.654 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

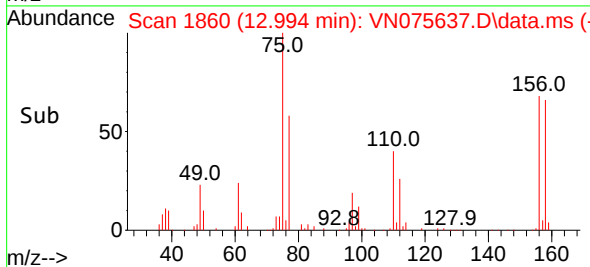
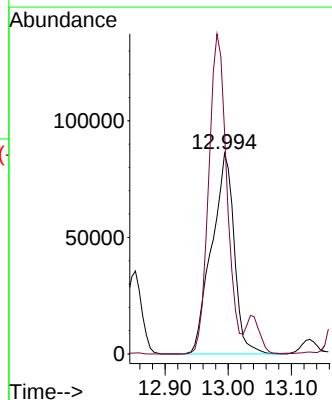
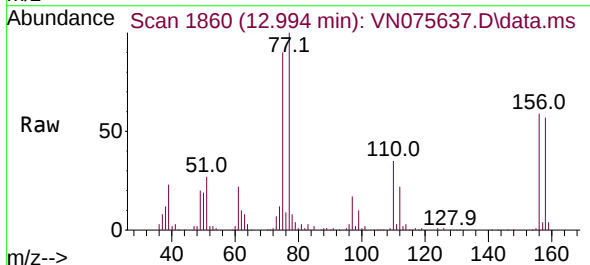
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

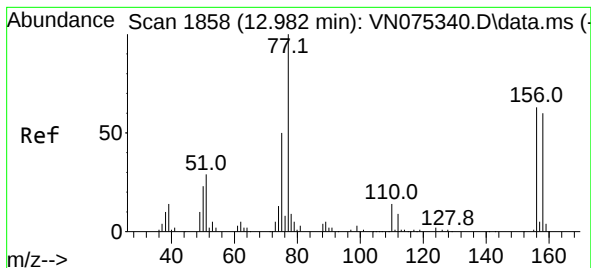
Tgt Ion: 83 Resp: 174019
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.3
85 63.8 31.6 94.7



#76
1,2,3-Trichloropropane
Concen: 71.545 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 75 Resp: 212842
Ion Ratio Lower Upper
75 100
77 129.0 75.6 226.8





#77

Bromobenzene

Concen: 53.969 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

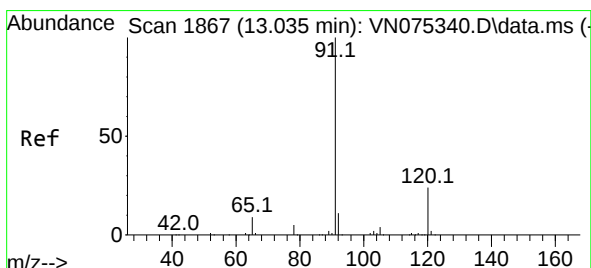
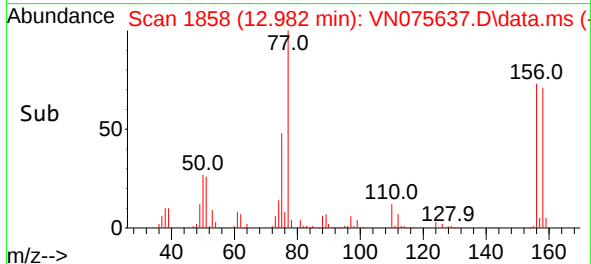
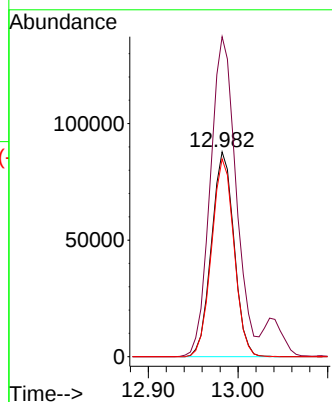
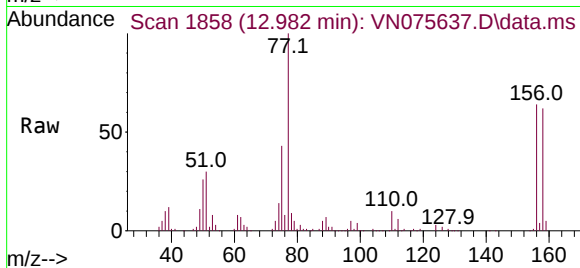
Tgt Ion:156 Resp: 153160

Ion Ratio Lower Upper

156 100

77 179.3 108.5 325.5

158 96.2 47.7 143.1



#78

n-propylbenzene

Concen: 53.514 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN075637.D

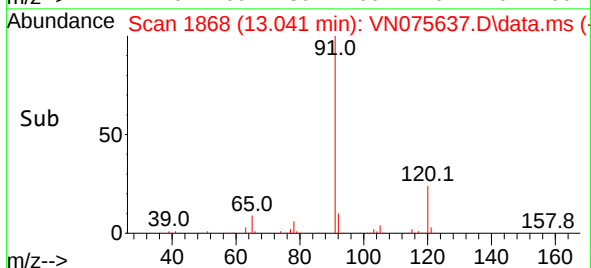
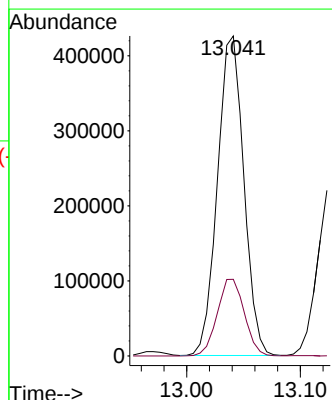
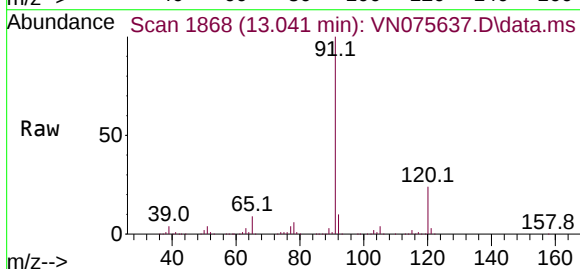
Acq: 08 Dec 2022 09:43

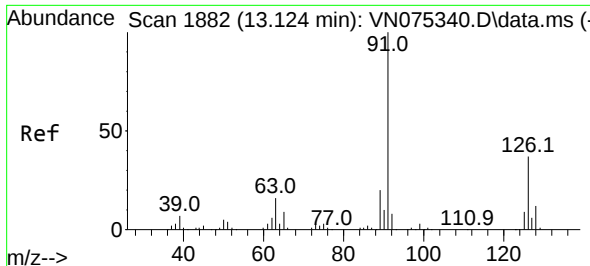
Tgt Ion: 91 Resp: 686529

Ion Ratio Lower Upper

91 100

120 24.7 11.9 35.5

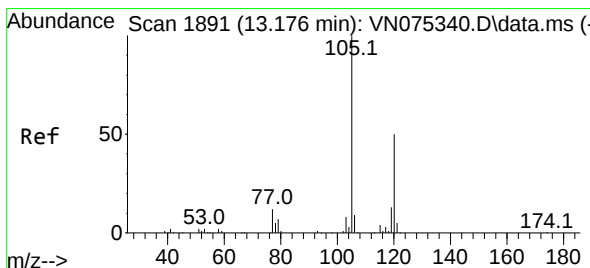
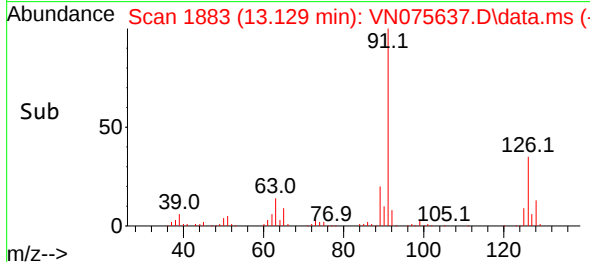
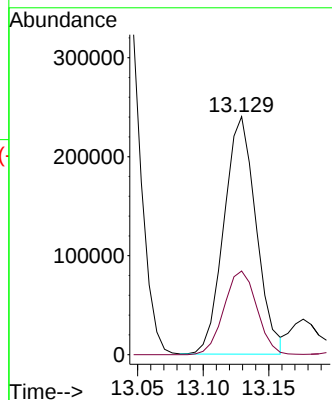
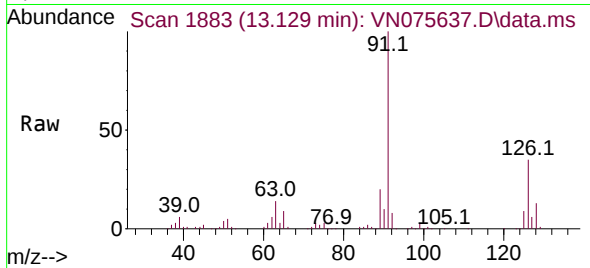




#79
2-Chlorotoluene
Concen: 52.990 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

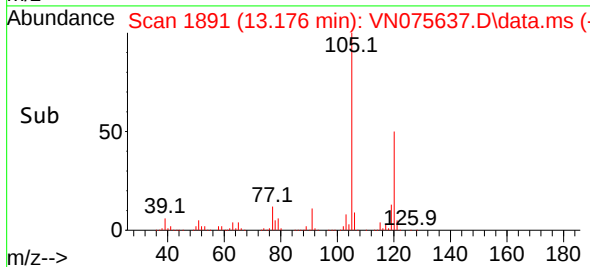
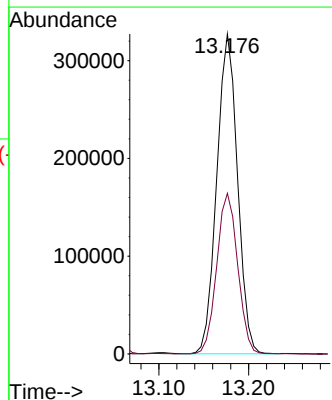
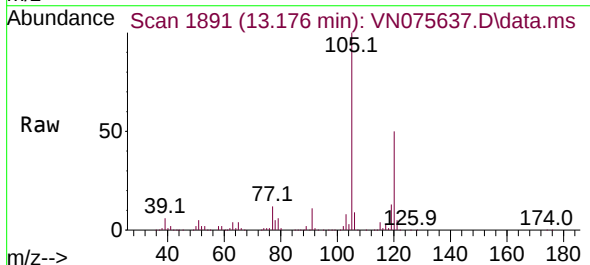
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

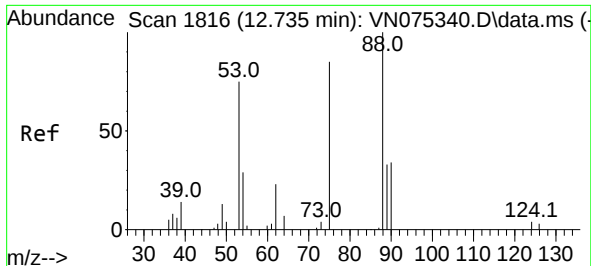
Tgt Ion: 91 Resp: 409592
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 54.886 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 105 Resp: 524185
Ion Ratio Lower Upper
105 100
120 50.9 24.7 74.1

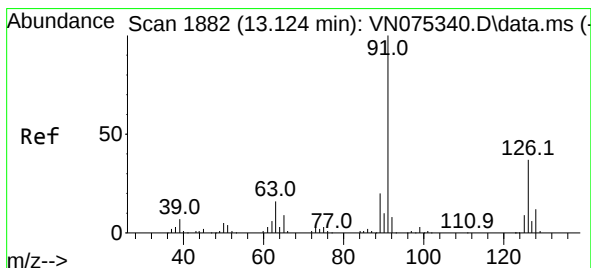
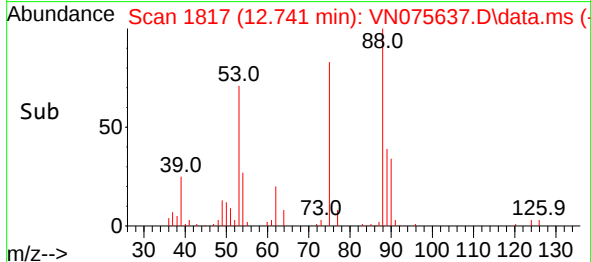
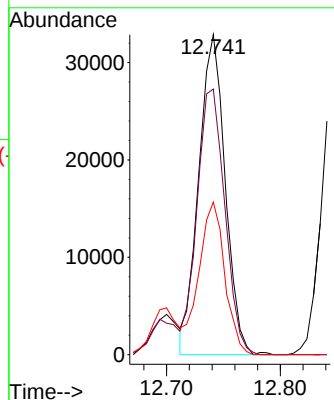
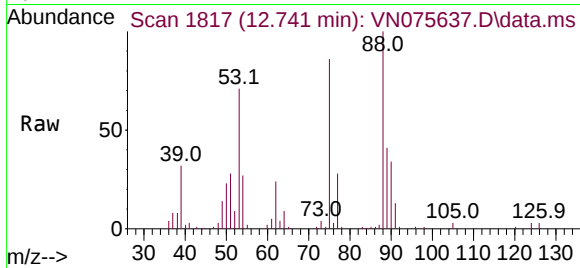




#81
trans-1,4-Dichloro-2-butene
Concen: 52.968 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

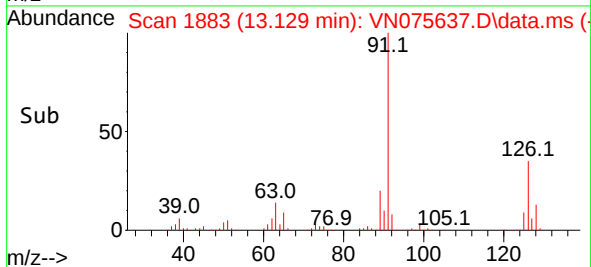
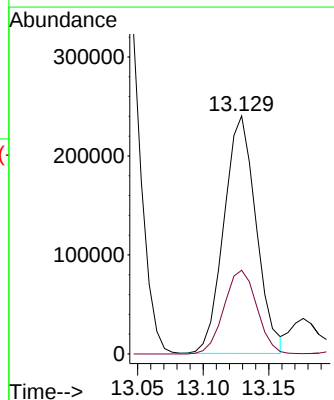
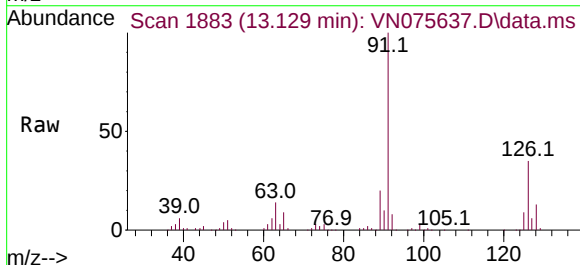
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

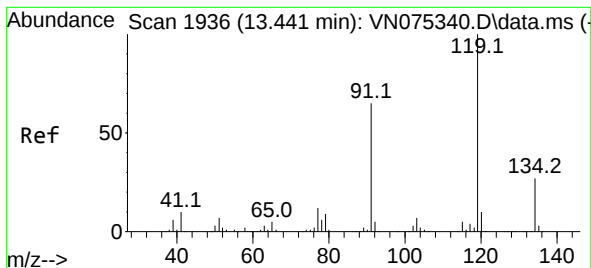
Tgt Ion: 75 Resp: 53257
Ion Ratio Lower Upper
75 100
53 87.2 78.5 117.7
89 47.0 37.7 56.5



#82
4-Chlorotoluene
Concen: 52.990 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion: 91 Resp: 409592
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.7

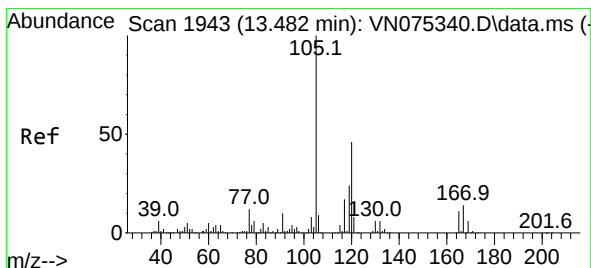
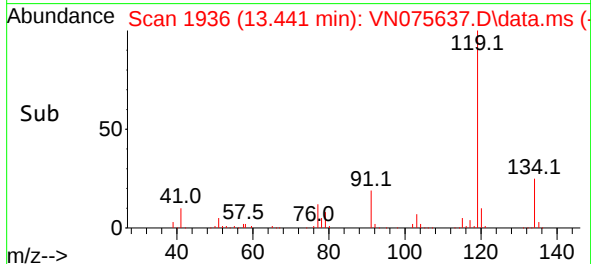
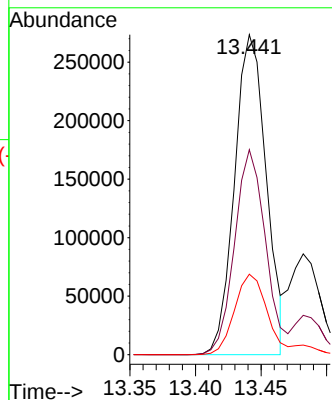
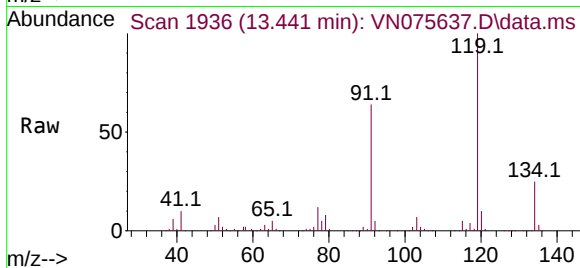




#83
tert-Butylbenzene
Concen: 52.864 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

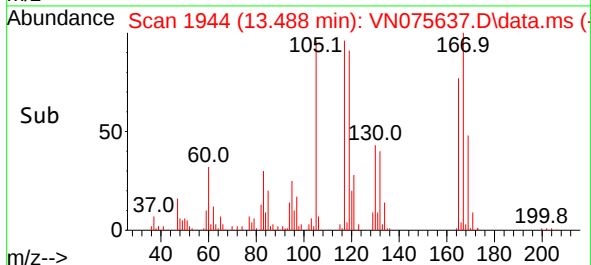
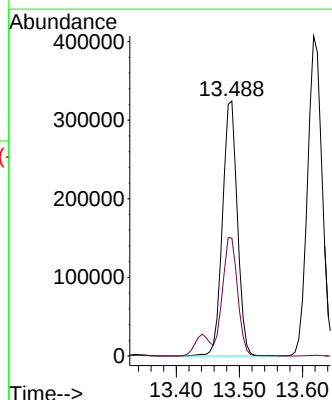
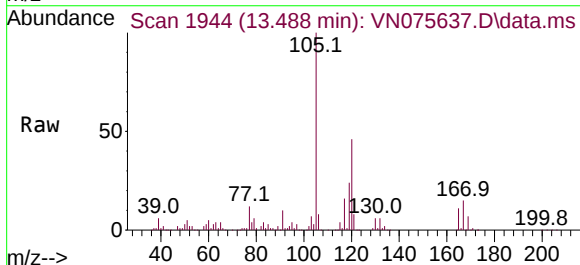
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

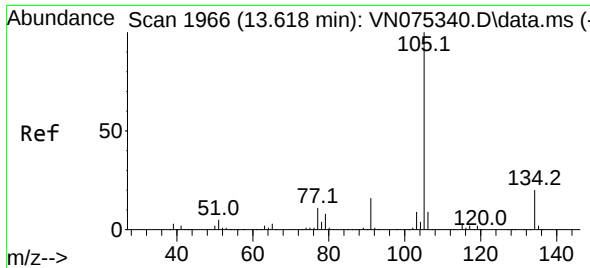
Tgt Ion:119 Resp: 460329
Ion Ratio Lower Upper
119 100
91 63.0 32.8 98.4
134 27.8 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 55.370 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:105 Resp: 530431
Ion Ratio Lower Upper
105 100
120 47.0 22.7 68.1

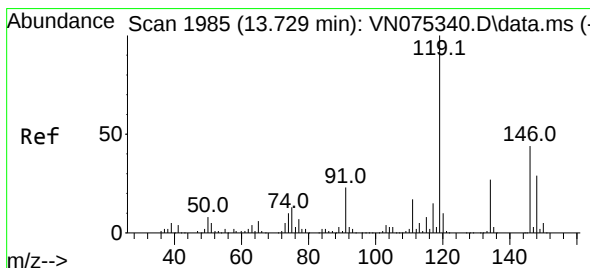
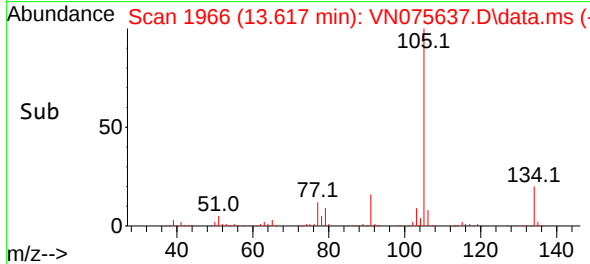
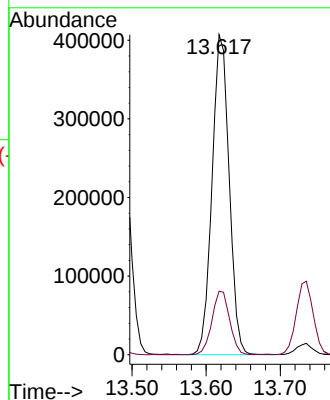
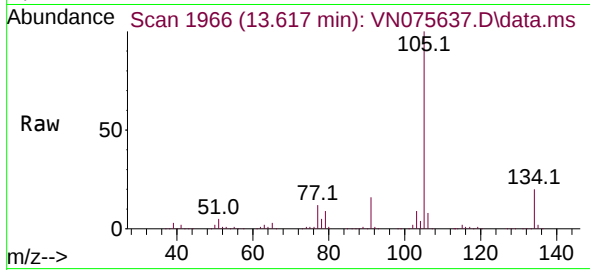




#85
 sec-Butylbenzene
 Concen: 55.190 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

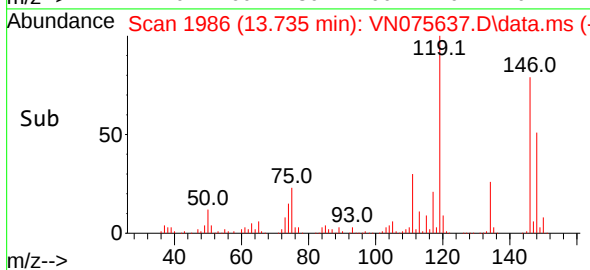
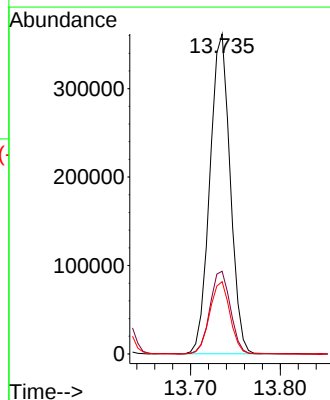
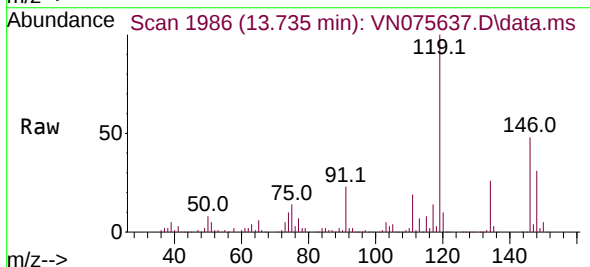
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

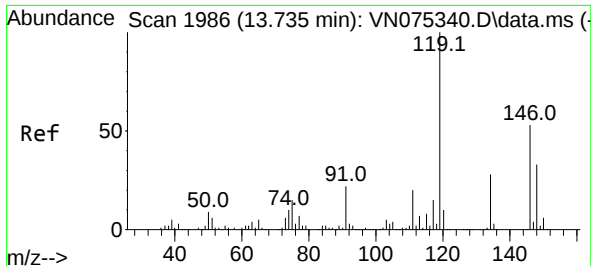
Tgt Ion:105 Resp: 652084
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 57.103 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

Tgt Ion:119 Resp: 567649
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 54.839 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

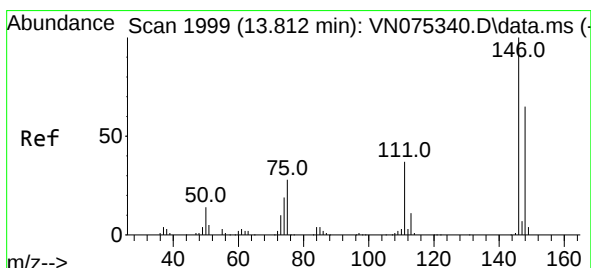
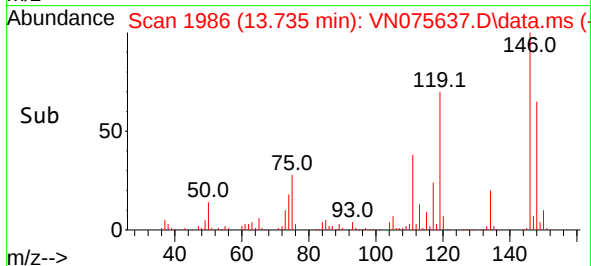
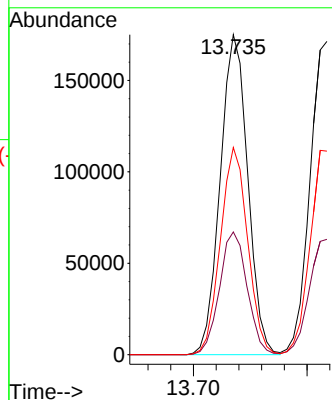
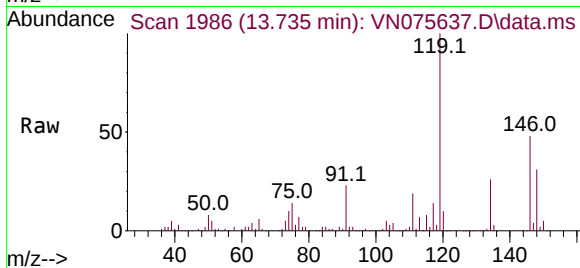
Tgt Ion:146 Resp: 294871

Ion Ratio Lower Upper

146 100

111 38.6 20.8 62.5

148 64.0 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 53.792 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

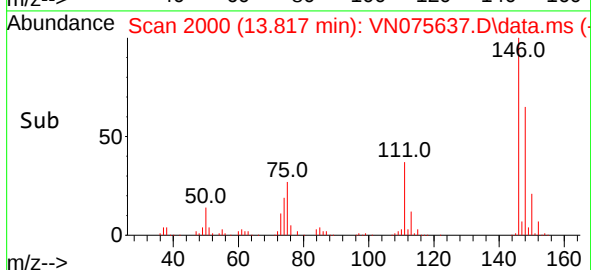
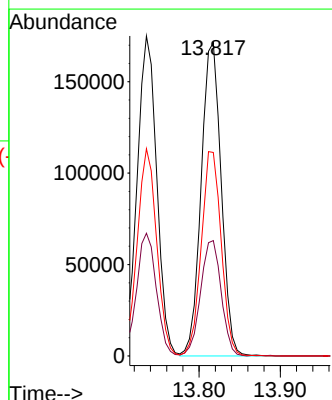
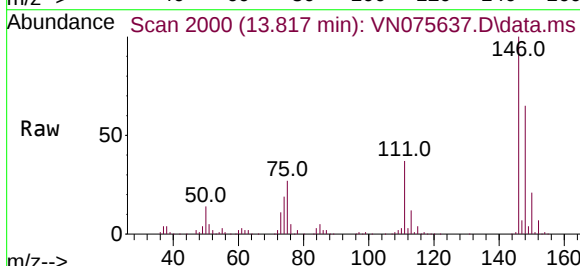
Tgt Ion:146 Resp: 293815

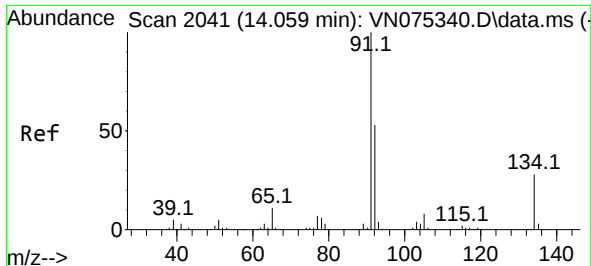
Ion Ratio Lower Upper

146 100

111 37.9 20.1 60.3

148 64.9 31.9 95.7





#89

n-Butylbenzene

Concen: 56.050 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075637.D

Acq: 08 Dec 2022 09:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

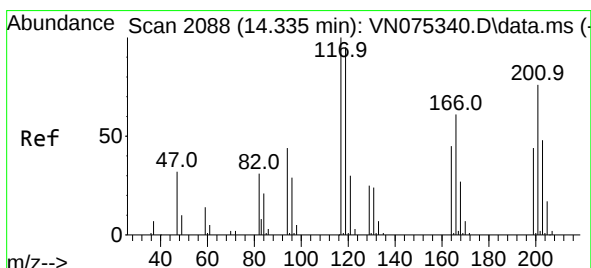
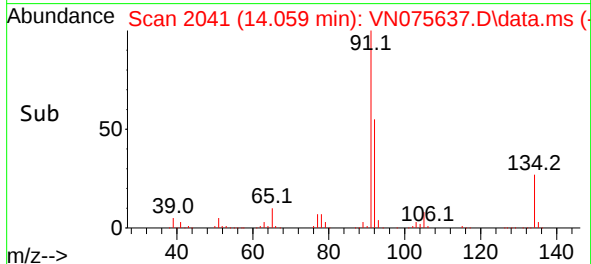
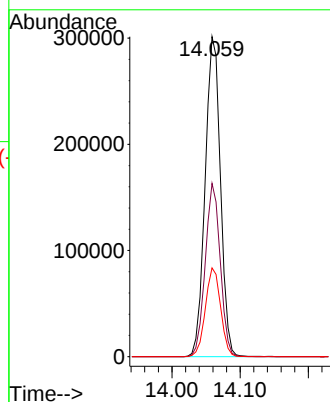
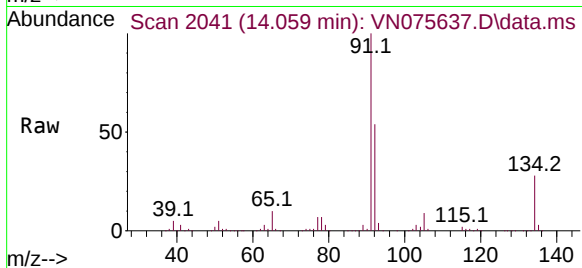
Tgt Ion: 91 Resp: 470591

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.4

134 27.6 13.0 39.0



#90

Hexachloroethane

Concen: 56.416 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075637.D

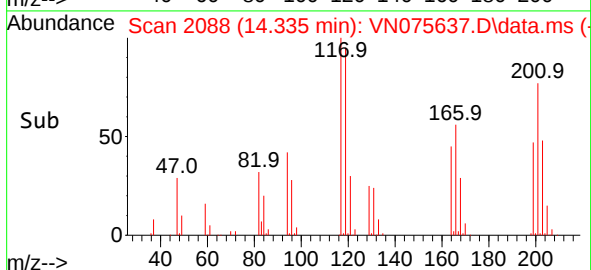
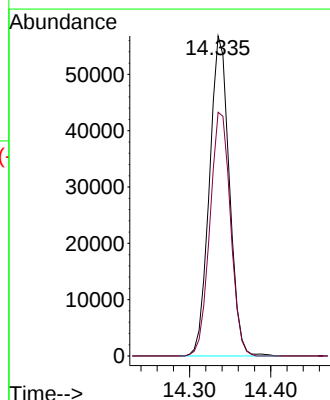
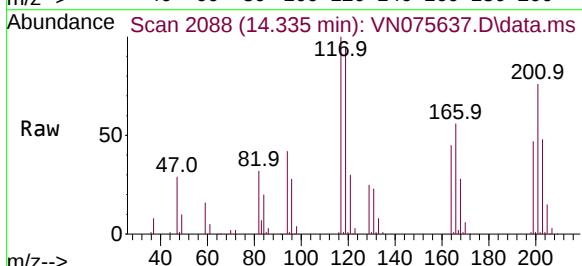
Acq: 08 Dec 2022 09:43

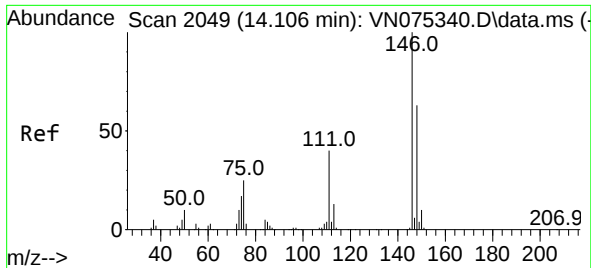
Tgt Ion: 117 Resp: 96749

Ion Ratio Lower Upper

117 100

201 78.6 31.5 94.5

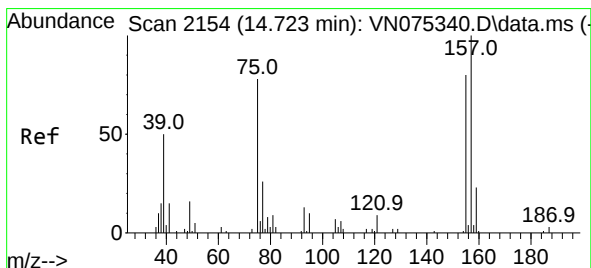
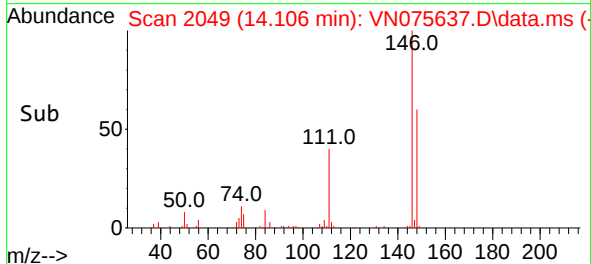
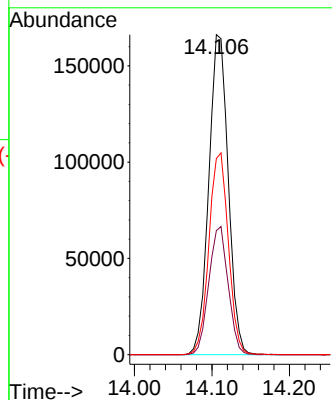
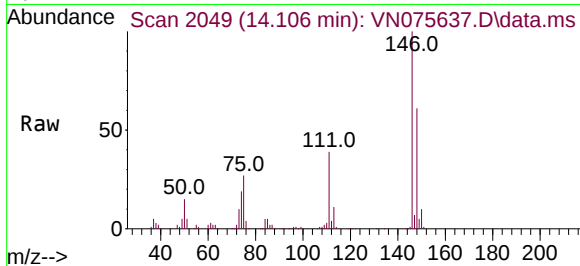




#91
 1,2-Dichlorobenzene
 Concen: 55.156 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

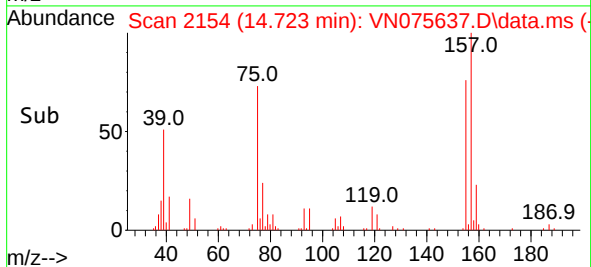
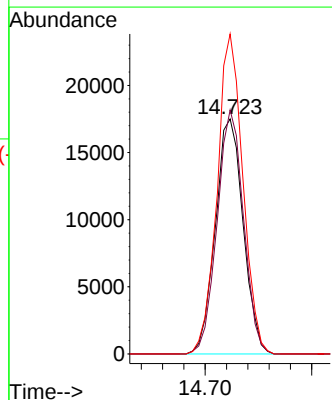
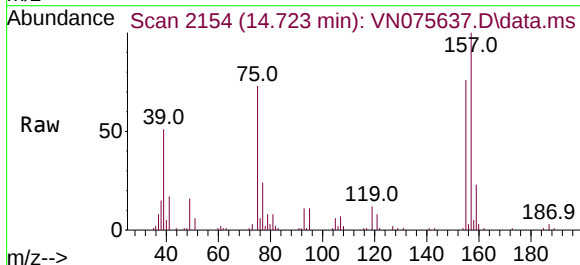
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

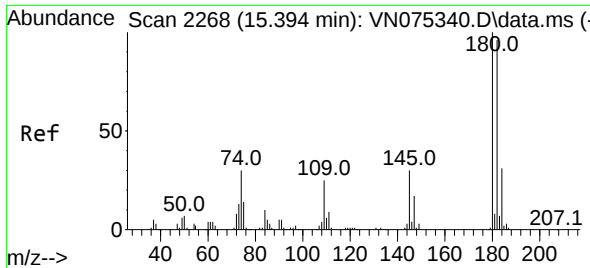
Tgt Ion:146 Resp: 289088
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.3 63.9
 148 63.2 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.623 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

Tgt Ion: 75 Resp: 31616
 Ion Ratio Lower Upper
 75 100
 155 98.7 42.1 126.3
 157 126.0 51.7 155.1

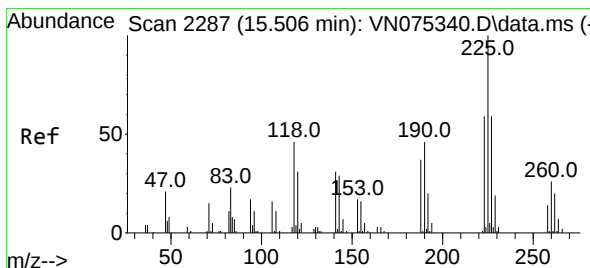
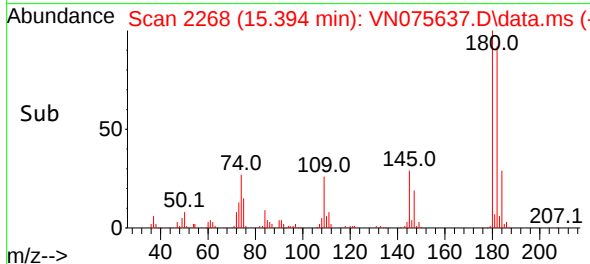
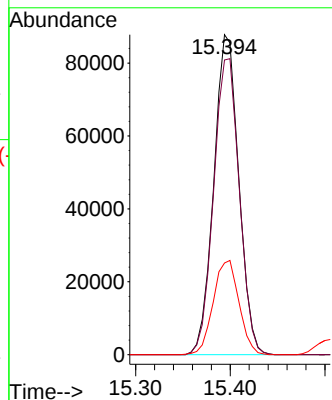
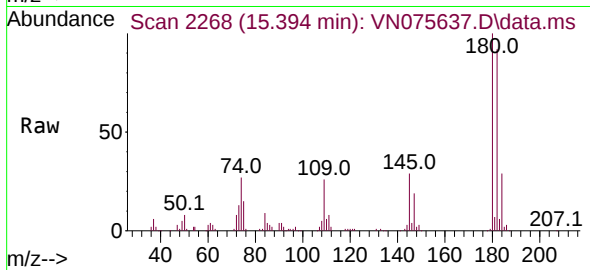




#93
 1,2,4-Trichlorobenzene
 Concen: 59.946 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

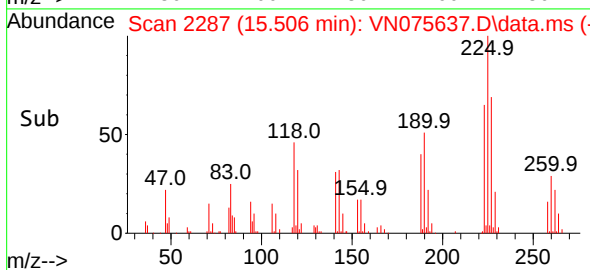
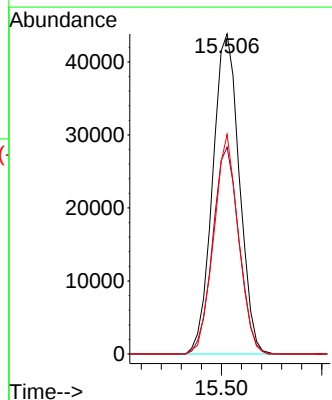
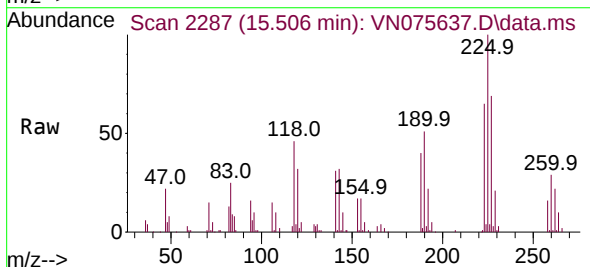
Instrument :
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 ClientSampleId :
 VSTDCCC050

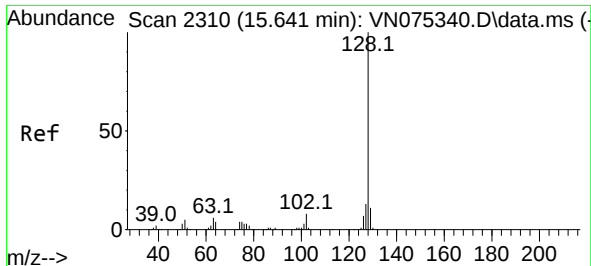
Tgt Ion:180 Resp: 161014
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.8 143.4
 145 30.4 16.8 50.3



#94
 Hexachlorobutadiene
 Concen: 57.835 ug/l
 RT: 15.506 min Scan# 2287
 Delta R.T. -0.000 min
 Lab File: VN075637.D
 Acq: 08 Dec 2022 09:43

Tgt Ion:225 Resp: 80915
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.3 96.9
 227 63.2 32.0 96.2

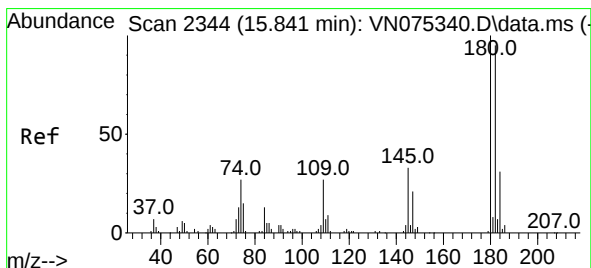
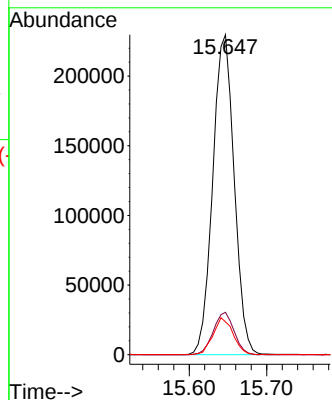
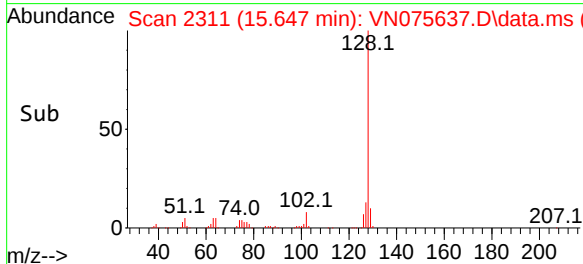
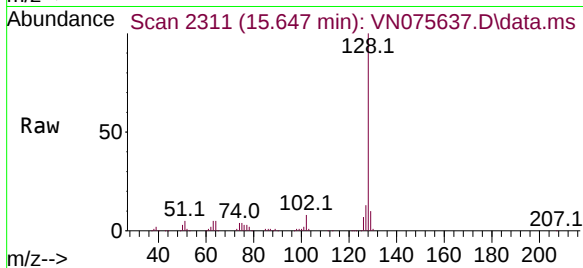




#95
Naphthalene
Concen: 52.293 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 441877
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 57.742 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075637.D
Acq: 08 Dec 2022 09:43

Tgt Ion:180 Resp: 152432
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 32.1 17.6 52.9

