

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015818.D
 Acq On : 03 Oct 2023 20:26
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 04 08:30:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	342894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97605	43.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.860%
35) Dibromofluoromethane	7.716	113	87676	42.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.440%
50) Toluene-d8	10.179	98	301256	43.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.580%
62) 4-Bromofluorobenzene	12.483	95	119439	43.737	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52657	39.559	ug/l	96
3) Chloromethane	2.107	50	67087	39.949	ug/l	100
4) Vinyl Chloride	2.247	62	82881	43.166	ug/l	98
5) Bromomethane	2.650	94	58736	34.965	ug/l	99
6) Chloroethane	2.784	64	56664	39.816	ug/l	97
7) Trichlorofluoromethane	3.113	101	143890	44.686	ug/l	100
8) Diethyl Ether	3.534	74	63159	45.995	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	87909	43.602	ug/l	96
10) Methyl Iodide	4.082	142	90063	38.643	ug/l	98
11) Tert butyl alcohol	5.003	59	149129	325.767	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	76444	43.028	ug/l	92
13) Acrolein	3.735	56	55313	162.551	ug/l	98
14) Allyl chloride	4.472	41	141612	43.596	ug/l	95
15) Acrylonitrile	5.167	53	273383	271.390	ug/l	99
16) Acetone	3.966	43	230342	193.717	ug/l	92
17) Carbon Disulfide	4.186	76	127842	37.041	ug/l	100
18) Methyl Acetate	4.485	43	237659	59.570	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	357127	49.355	ug/l	99
20) Methylene Chloride	4.710	84	130473	50.115	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	89691	44.168	ug/l	95
22) Diisopropyl ether	6.125	45	355864	45.523	ug/l	94
23) Vinyl Acetate	6.064	43	1103422	228.685	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	188560	44.254	ug/l	98
25) 2-Butanone	6.996	43	409484	243.639	ug/l	95
26) 2,2-Dichloropropane	6.978	77	150562	38.661	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	123298	45.736	ug/l	93
28) Bromochloromethane	7.338	49	73769	63.813	ug/l	95
29) Tetrahydrofuran	7.356	42	272273	286.619	ug/l	91
30) Chloroform	7.508	83	210309	46.090	ug/l	95
31) Cyclohexane	7.783	56	120548	39.164	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	174824	46.411	ug/l	99
36) 1,1-Dichloropropene	7.917	75	127971	42.171	ug/l	99
37) Ethyl Acetate	7.082	43	171817	56.765	ug/l	97
38) Carbon Tetrachloride	7.899	117	149644	45.431	ug/l	98
39) Methylcyclohexane	9.185	83	141188	42.066	ug/l	92
40) Benzene	8.161	78	407217	44.004	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	78389	48.098	ug/l	93
42) 1,2-Dichloroethane	8.240	62	149305	47.110	ug/l	95
43) Isopropyl Acetate	8.277	43	271366	52.485	ug/l	98
44) Trichloroethene	8.941	130	119924	46.398	ug/l	98
45) 1,2-Dichloropropane	9.215	63	116017	44.956	ug/l	99
46) Dibromomethane	9.307	93	78352	47.464	ug/l	97
47) Bromodichloromethane	9.496	83	175689	47.748	ug/l	99
48) Methyl methacrylate	9.295	41	118206	52.085	ug/l	91
49) 1,4-Dioxane	9.325	88	46952	1439.696	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	890199	277.780	ug/l	92
52) Toluene	10.246	92	266765	44.715	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	185487	47.009	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	191940	45.191	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	118449	48.963	ug/l	95
56) Ethyl methacrylate	10.514	69	186158	52.217	ug/l	88
57) 1,3-Dichloropropane	10.788	76	192291	47.399	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	212991	188.083	ug/l	94
59) 2-Hexanone	10.831	43	691953	281.433	ug/l	91
60) Dibromochloromethane	10.990	129	138663	49.102	ug/l	99
61) 1,2-Dibromoethane	11.093	107	116033	49.028	ug/l	99
64) Tetrachloroethene	10.721	164	137639	51.298	ug/l	97
65) Chlorobenzene	11.520	112	312640	45.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	127280	48.001	ug/l	98
67) Ethyl Benzene	11.593	91	537112	45.016	ug/l	99
68) m/p-Xylenes	11.703	106	410394	90.493	ug/l	95
69) o-Xylene	12.032	106	207713	46.709	ug/l	97
70) Styrene	12.044	104	362261	47.591	ug/l	97
71) Bromoform	12.209	173	103251	53.734	ug/l #	100
73) Isopropylbenzene	12.331	105	546431	45.906	ug/l	99
74) N-amyl acetate	12.142	43	228283	51.026	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	167518	50.567	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	227274	89.782	ug/l #	100
77) Bromobenzene	12.611	156	138445	47.382	ug/l	94
78) n-propylbenzene	12.672	91	647161	44.752	ug/l	100
79) 2-Chlorotoluene	12.757	91	379017	45.981	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	456449	45.805	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	57803	51.421	ug/l	95
82) 4-Chlorotoluene	12.855	91	394487	45.843	ug/l	100
83) tert-Butylbenzene	13.075	119	409050	46.867	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	461461	46.281	ug/l	99
85) sec-Butylbenzene	13.251	105	598819	45.846	ug/l	100
86) p-Isopropyltoluene	13.367	119	504559	46.245	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	265449	45.794	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	268816	46.368	ug/l	99
89) n-Butylbenzene	13.696	91	459007	44.428	ug/l	96
90) Hexachloroethane	13.958	117	97416	46.263	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	255802	47.805	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	39679	60.307	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	162896	48.356	ug/l	99
94) Hexachlorobutadiene	15.111	225	78490	45.498	ug/l	99
95) Naphthalene	15.233	128	561790	63.956	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	154097	49.561	ug/l	99

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QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

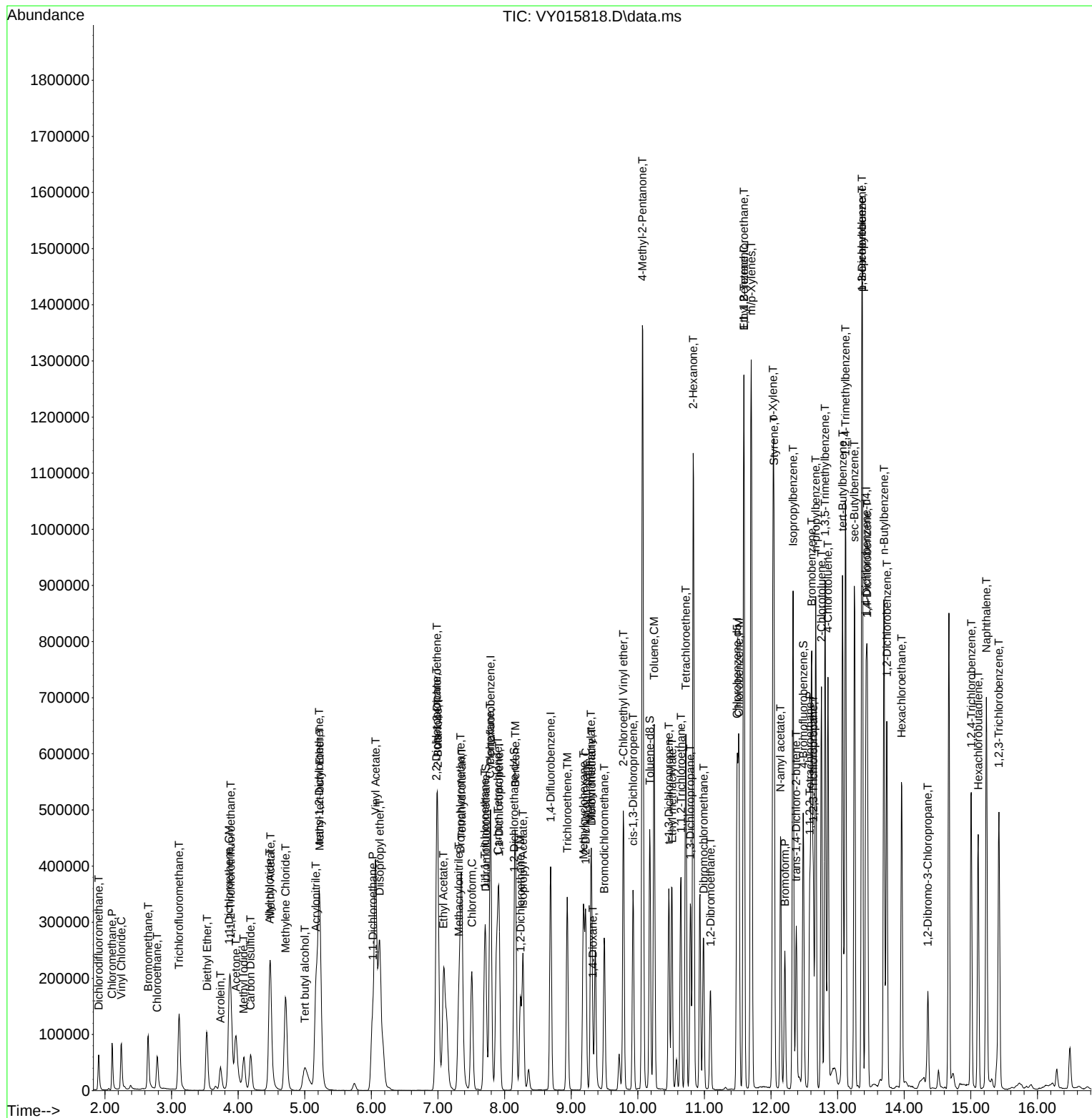
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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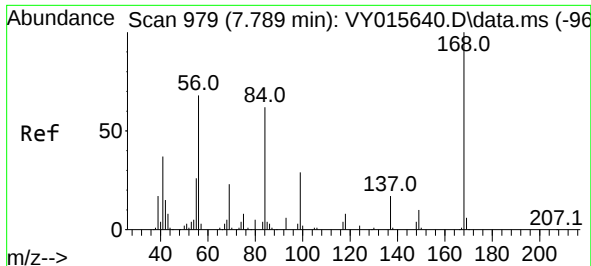
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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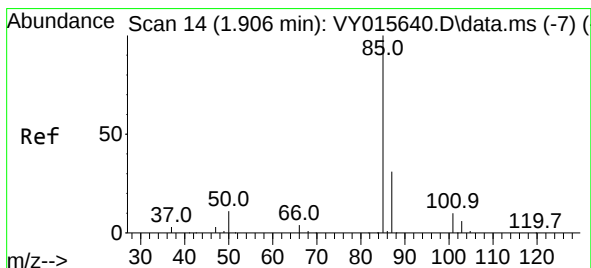
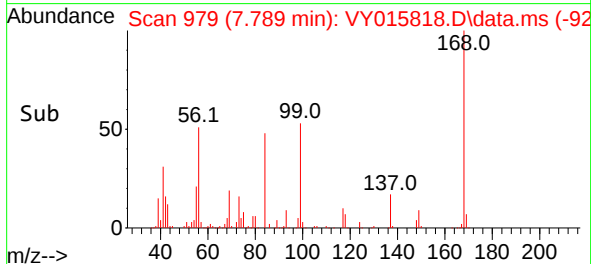
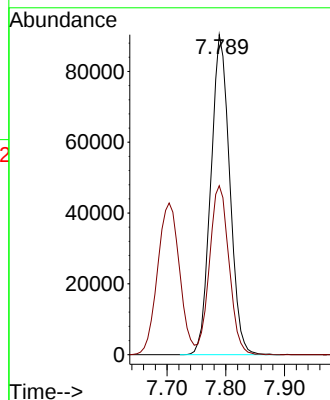
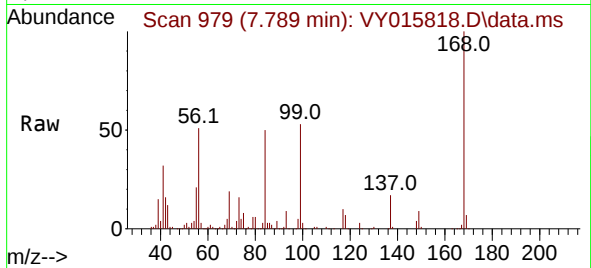




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015818.D
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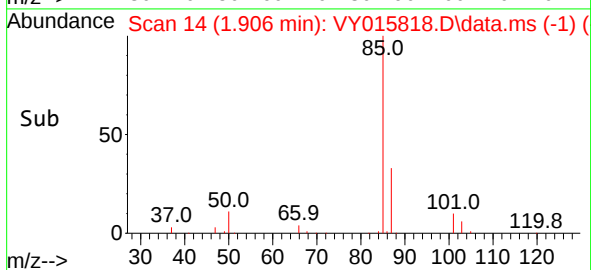
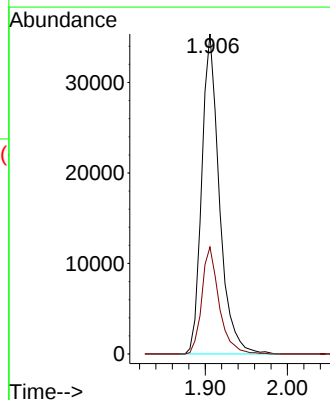
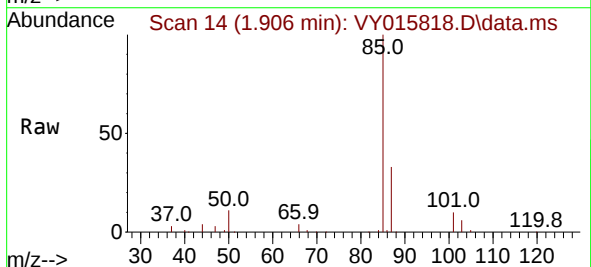
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

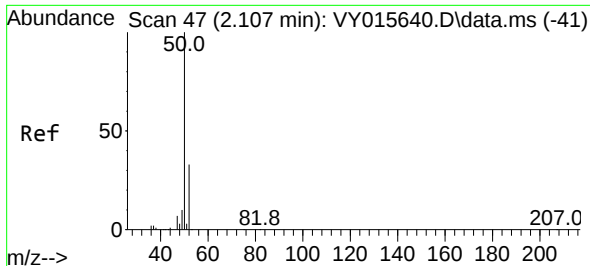
Tgt Ion:168 Resp: 201940
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 39.559 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 85 Resp: 52657
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8

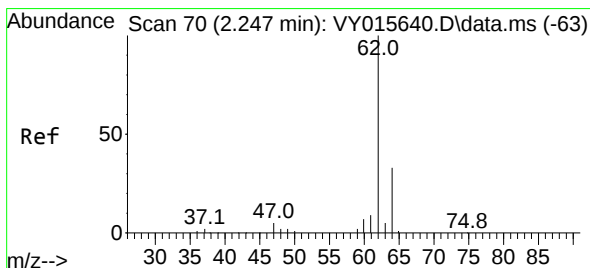
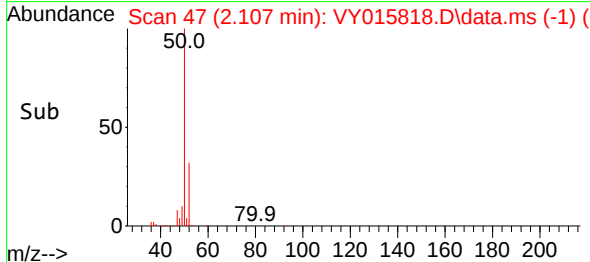
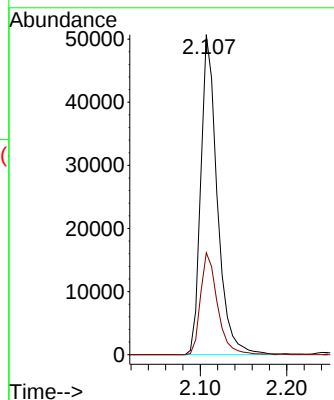
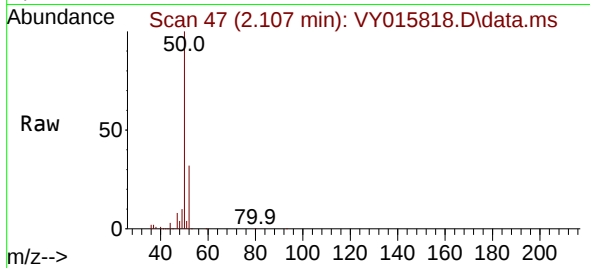




#3
Chloromethane
Concen: 39.949 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

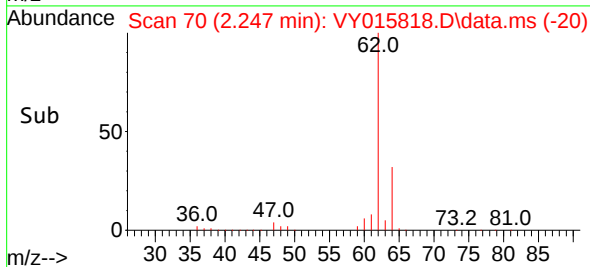
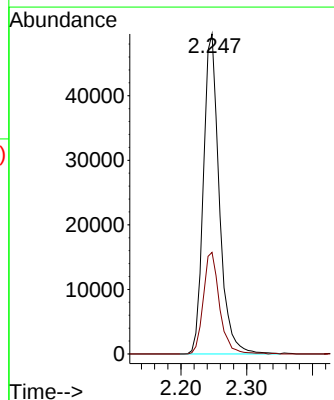
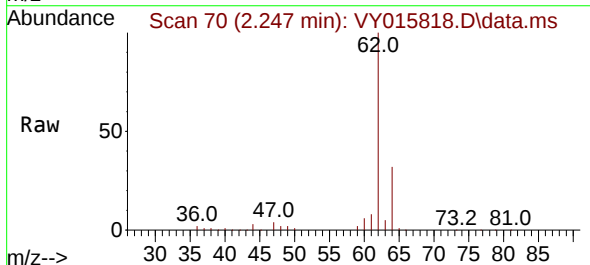
Instrument :
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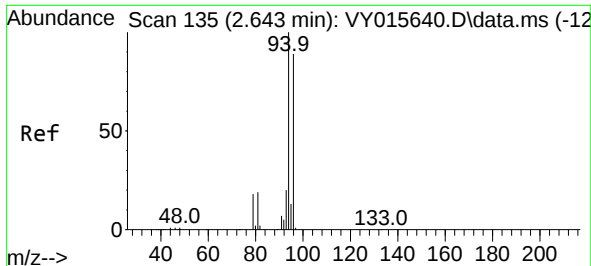
Tgt Ion: 50 Resp: 67087
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 43.166 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 62 Resp: 82881
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5





#5

Bromomethane

Concen: 34.965 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

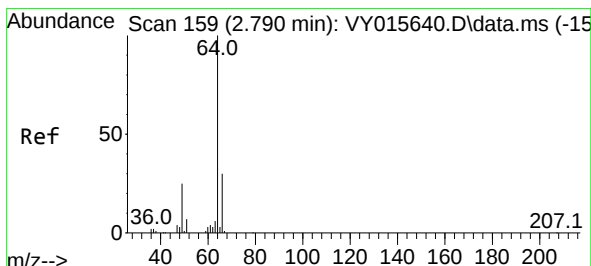
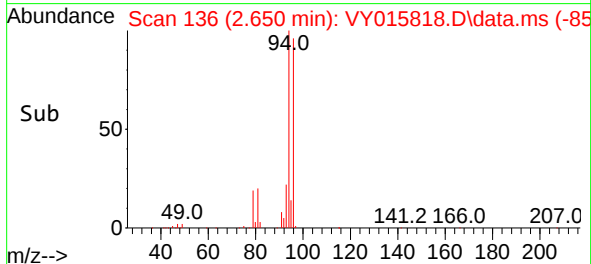
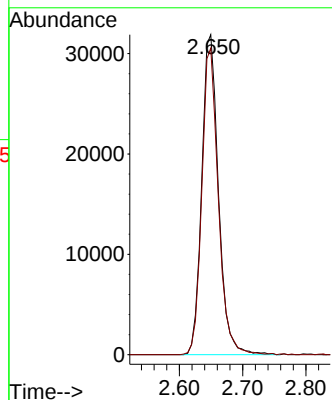
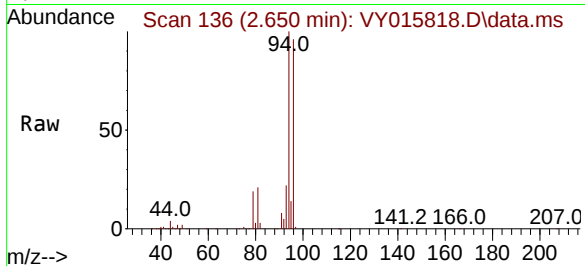
VSTDCCC050EC

Tgt Ion: 94 Resp: 58736

Ion Ratio Lower Upper

94 100

96 95.8 75.8 113.6



#6

Chloroethane

Concen: 39.816 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.000 min

Lab File: VY015818.D

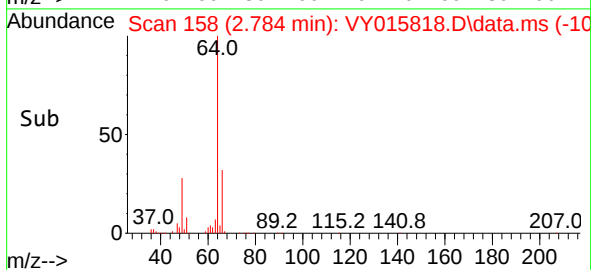
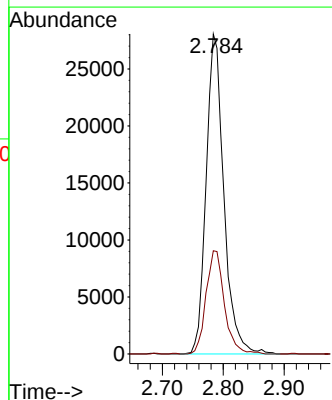
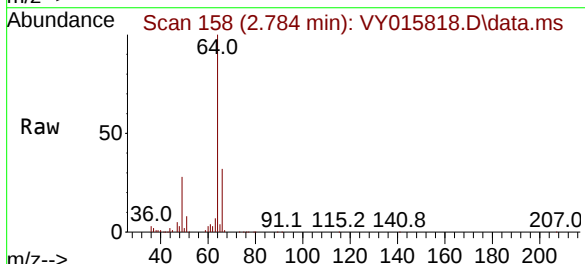
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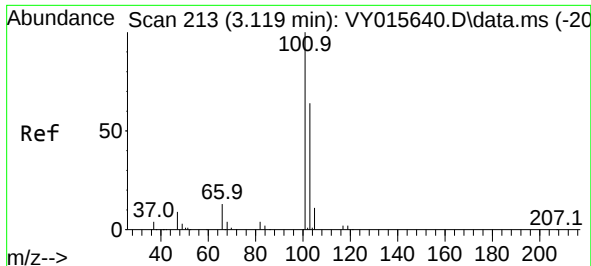
Tgt Ion: 64 Resp: 56664

Ion Ratio Lower Upper

64 100

66 32.3 24.4 36.6

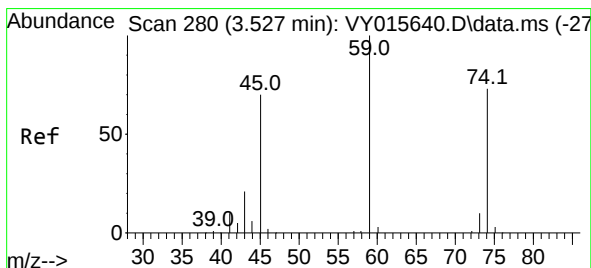
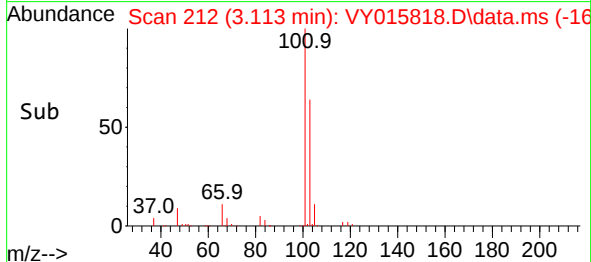
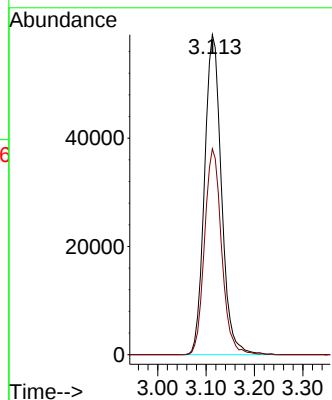
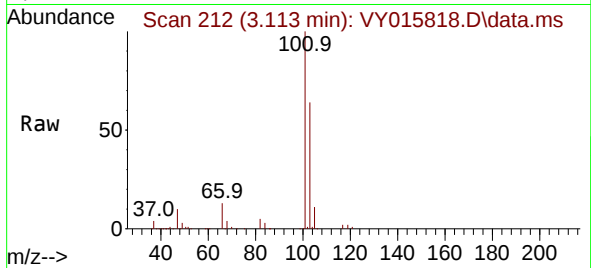




#7
 Trichlorofluoromethane
 Concen: 44.686 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY015818.D
 Acq: 03 Oct 2023 20:26

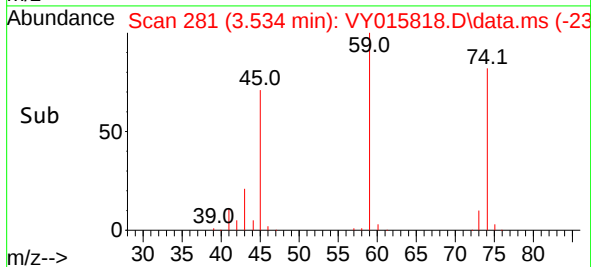
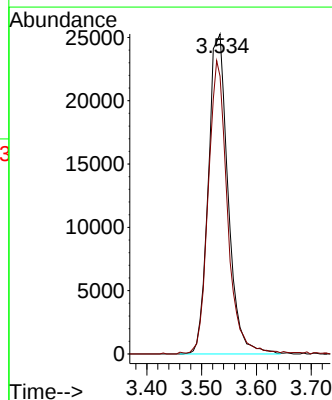
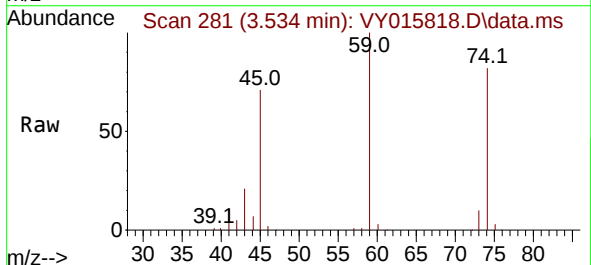
Instrument :
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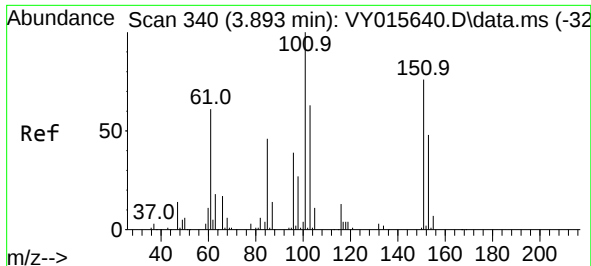
Tgt Ion:101 Resp: 143890
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 45.995 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.013 min
 Lab File: VY015818.D
 Acq: 03 Oct 2023 20:26

Tgt Ion: 74 Resp: 63159
 Ion Ratio Lower Upper
 74 100
 45 88.9 51.5 154.5

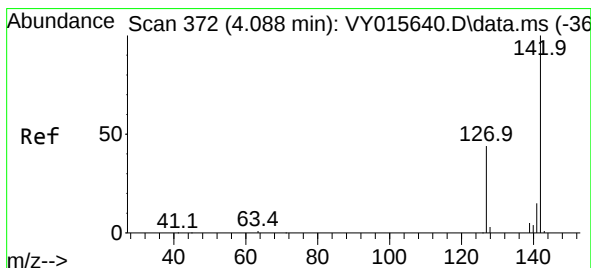
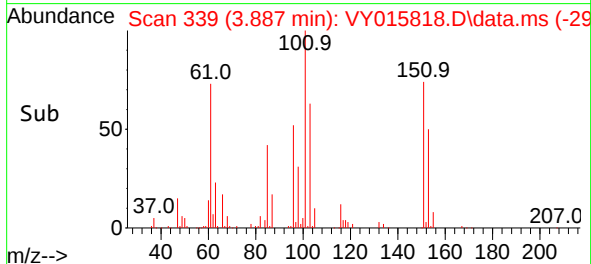
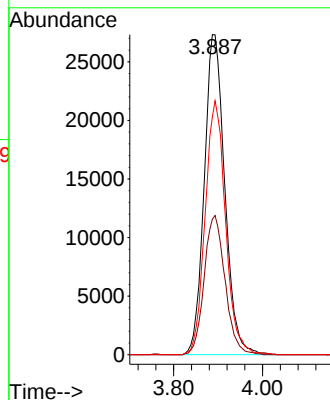
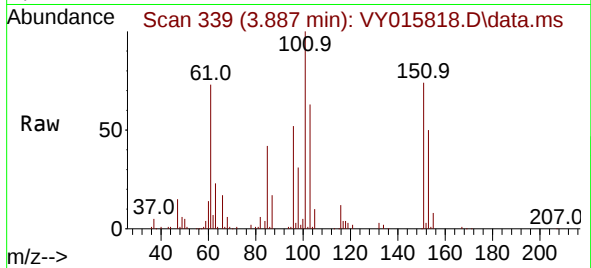




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.602 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

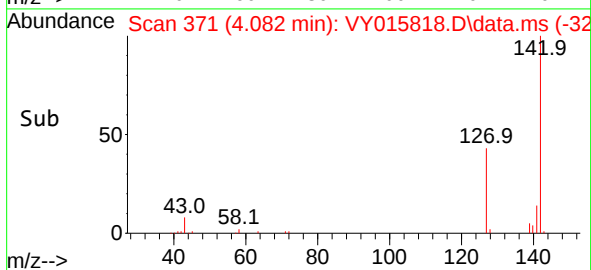
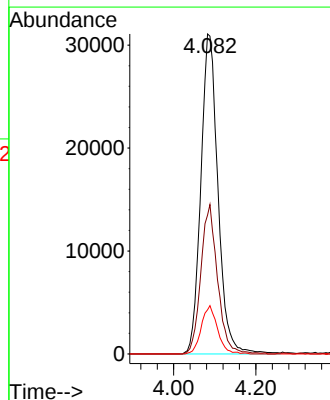
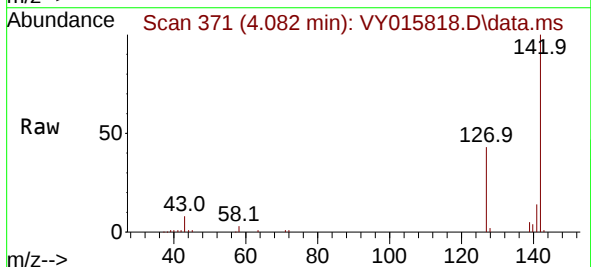
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

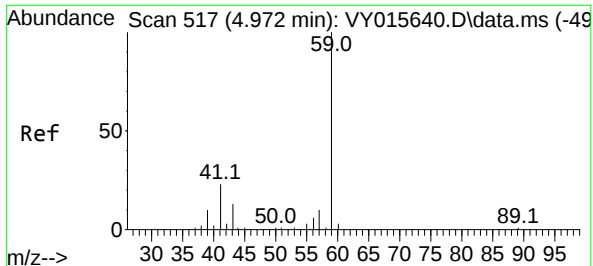
Tgt Ion:101 Resp: 87909
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 38.643 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion:142 Resp: 90063
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 325.767 ug/l

RT: 5.003 min Scan# 51

Delta R.T. 0.049 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

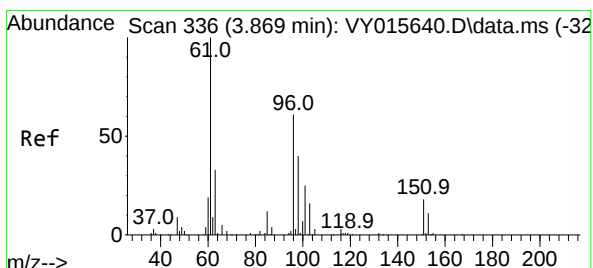
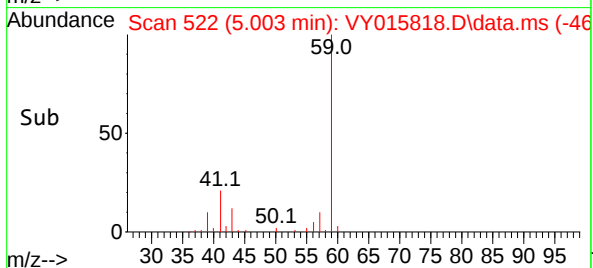
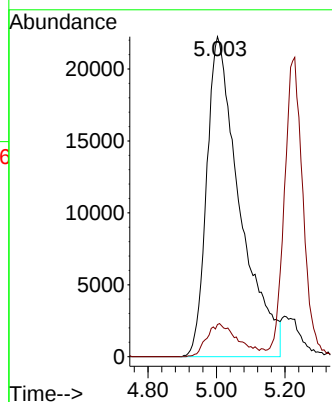
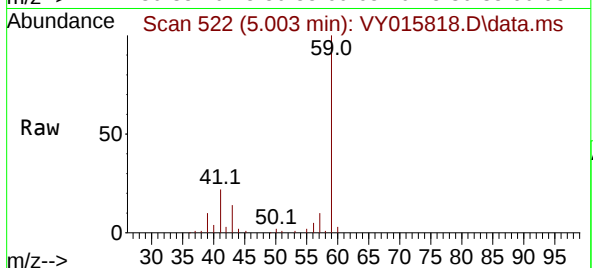
VSTDCCC050EC

Tgt Ion: 59 Resp: 149129

Ion Ratio Lower Upper

59 100

57 9.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 43.028 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

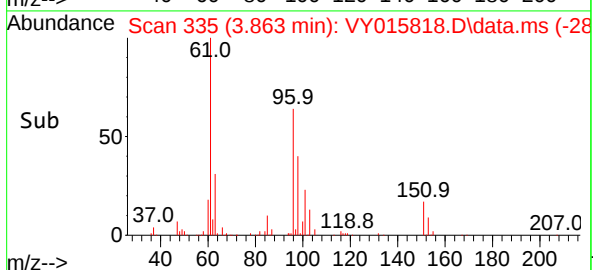
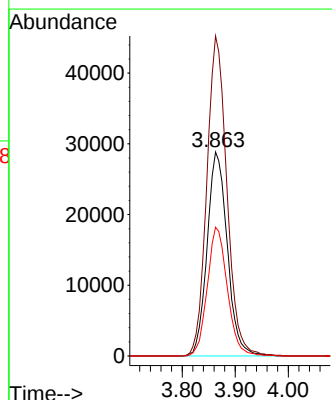
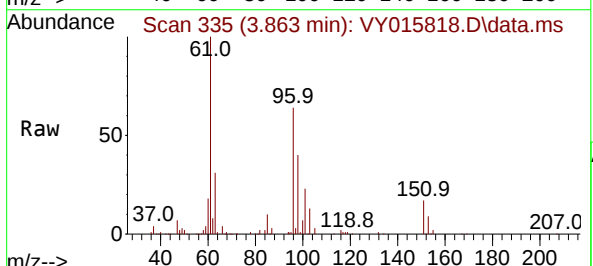
Tgt Ion: 96 Resp: 76444

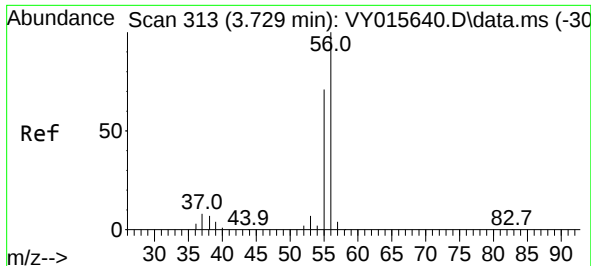
Ion Ratio Lower Upper

96 100

61 156.8 136.4 204.6

98 63.1 49.4 74.2





#13

Acrolein

Concen: 162.551 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

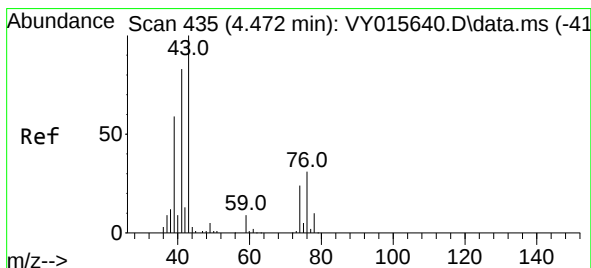
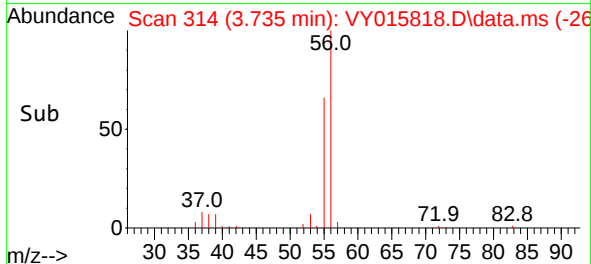
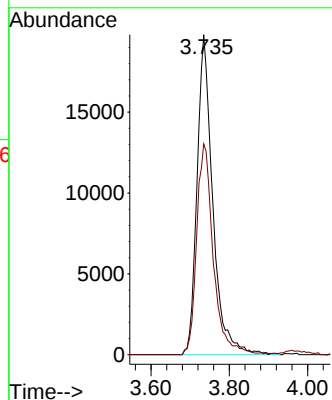
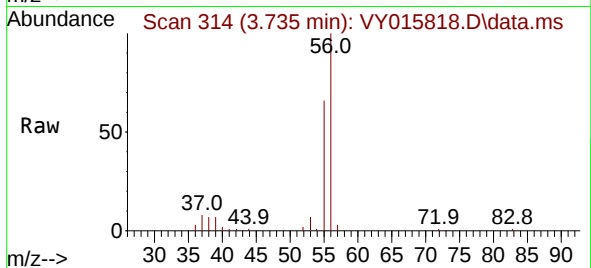
VSTDCCC050EC

Tgt Ion: 56 Resp: 55313

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 43.596 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

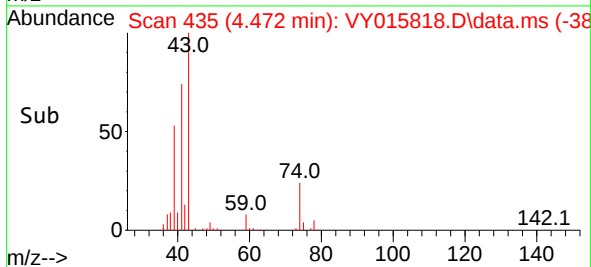
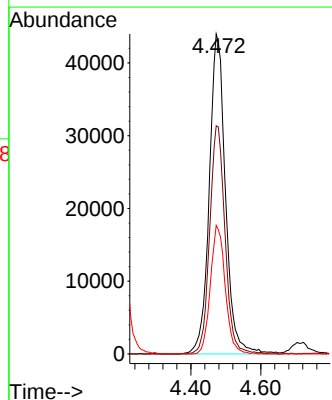
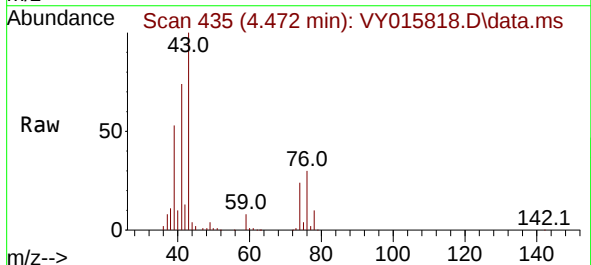
Tgt Ion: 41 Resp: 141612

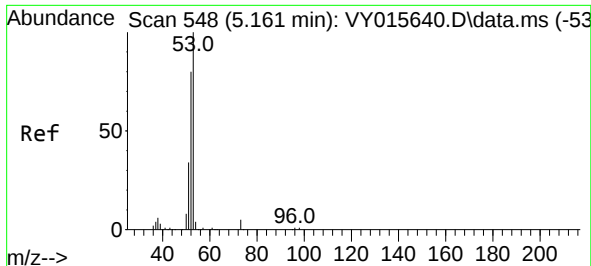
Ion Ratio Lower Upper

41 100

39 67.5 58.0 87.0

76 36.6 27.4 41.2

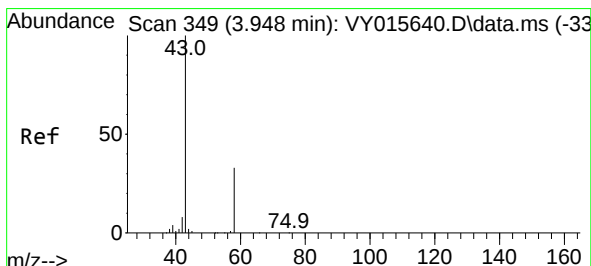
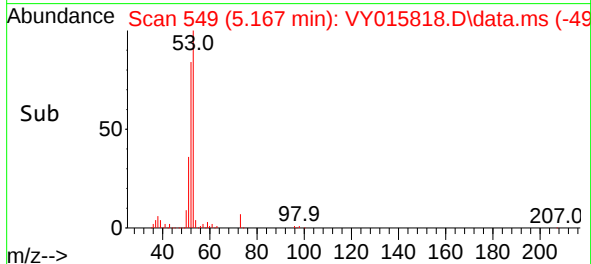
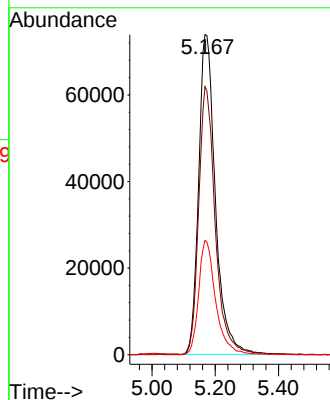
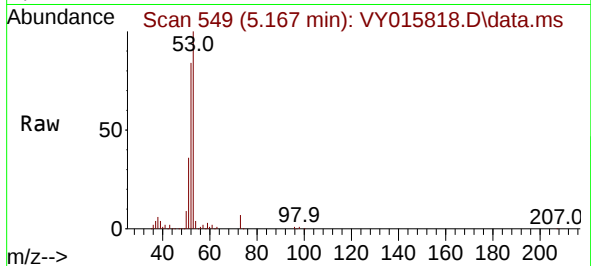




#15
Acrylonitrile
Concen: 271.390 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

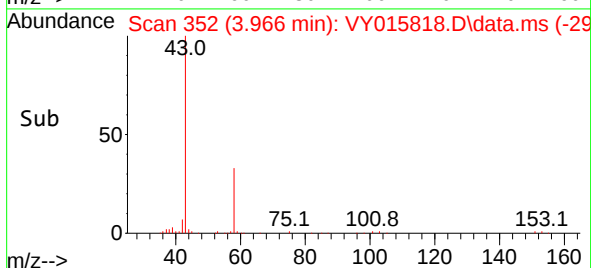
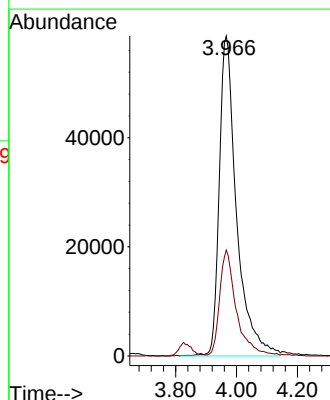
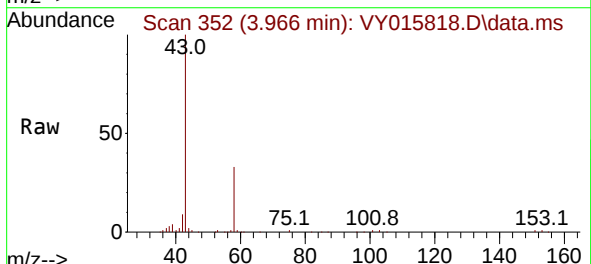
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

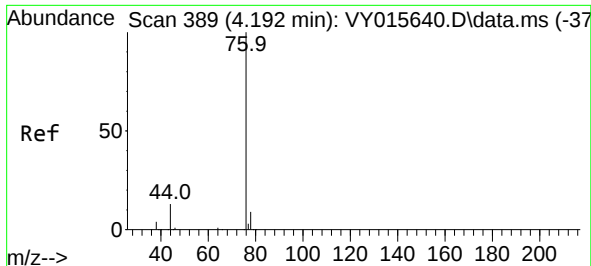
Tgt Ion: 53 Resp: 273383
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 193.717 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 43 Resp: 230342
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1





#17

Carbon Disulfide

Concen: 37.041 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

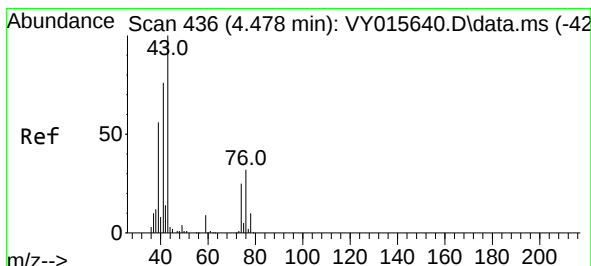
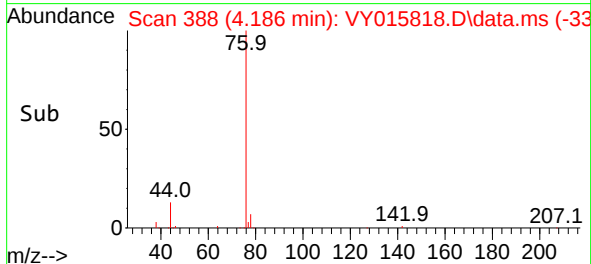
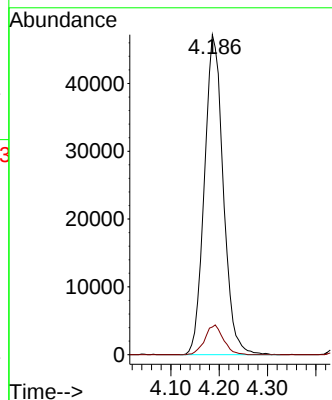
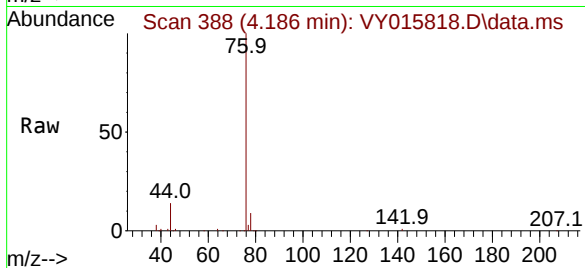
VSTDCCC050EC

Tgt Ion: 76 Resp: 127842

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



#18

Methyl Acetate

Concen: 59.570 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015818.D

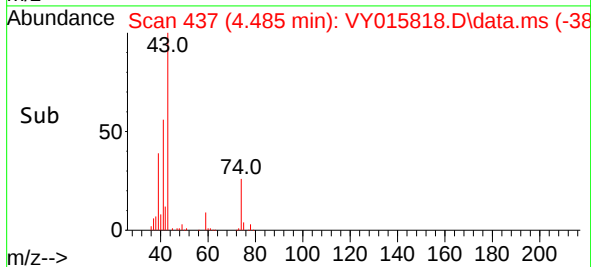
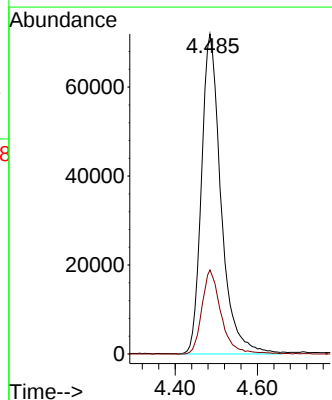
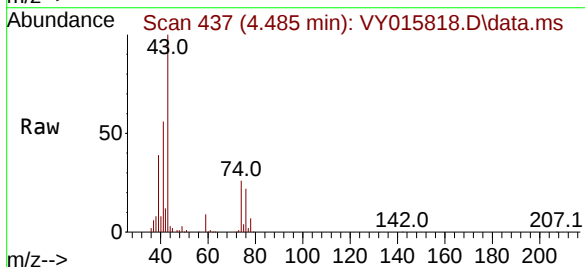
Acq: 03 Oct 2023 20:26

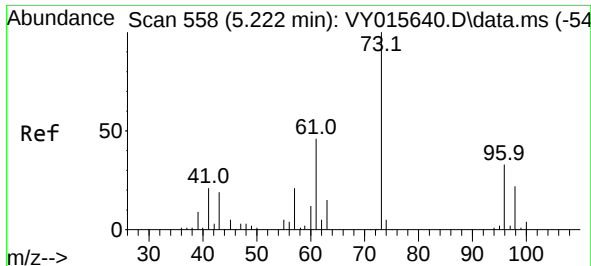
Tgt Ion: 43 Resp: 237659

Ion Ratio Lower Upper

43 100

74 25.7 17.4 26.0

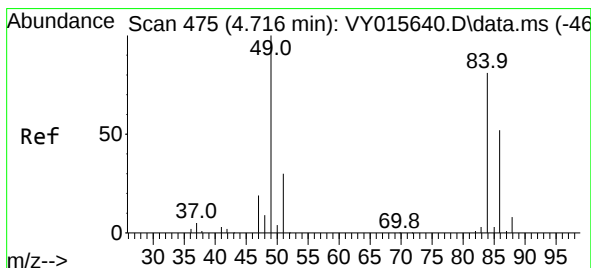
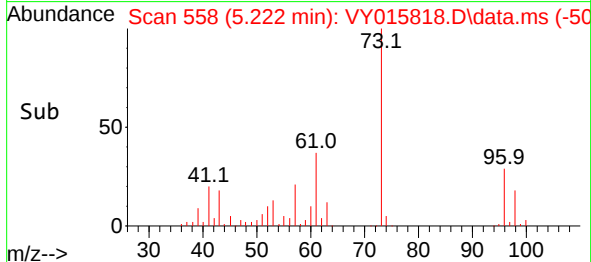
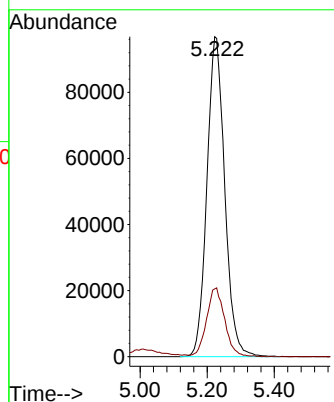
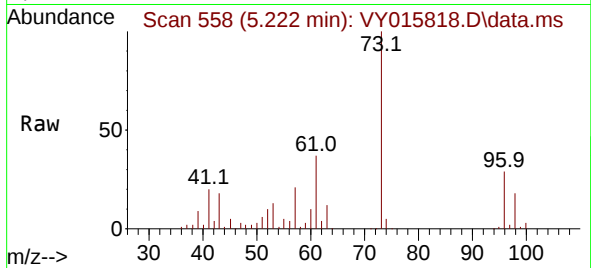




#19
Methyl tert-butyl Ether
Concen: 49.355 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

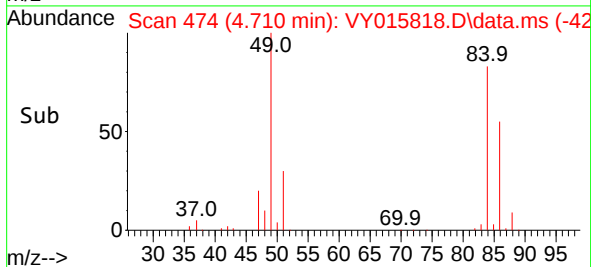
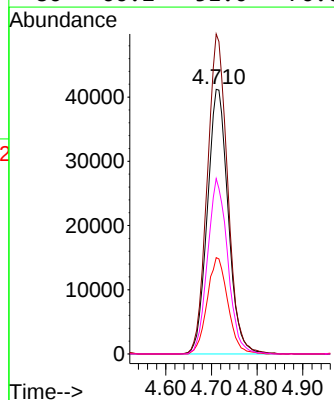
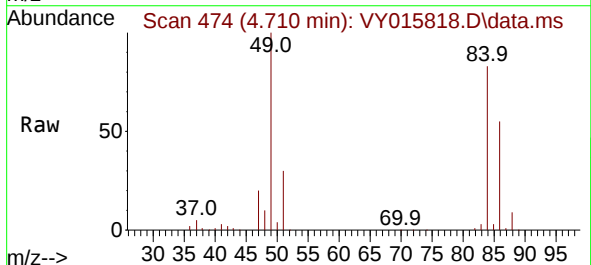
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

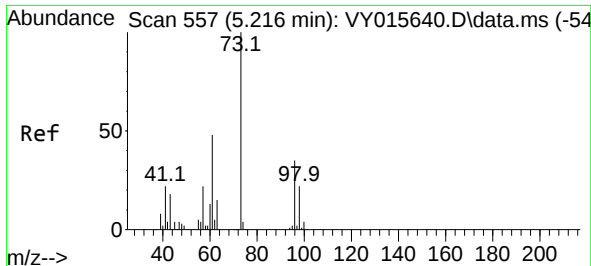
Tgt Ion: 73 Resp: 357127
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 50.115 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 84 Resp: 130473
Ion Ratio Lower Upper
84 100
49 120.9 106.9 160.3
51 36.4 33.2 49.8
86 66.2 51.0 76.6

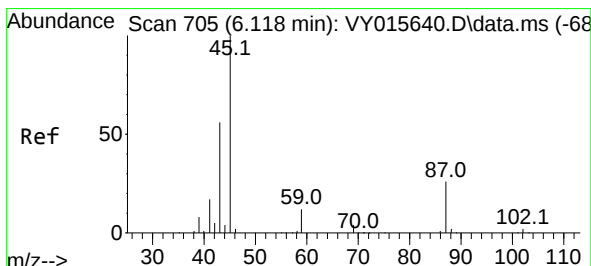
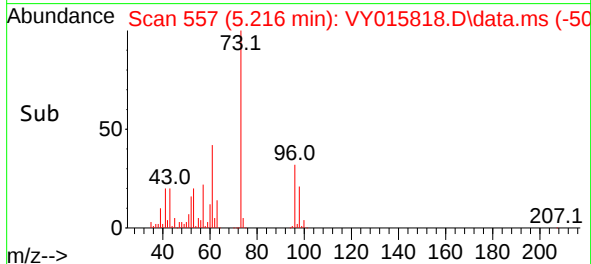
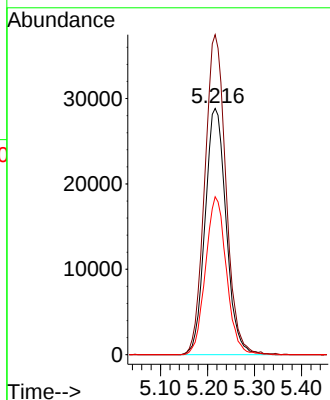
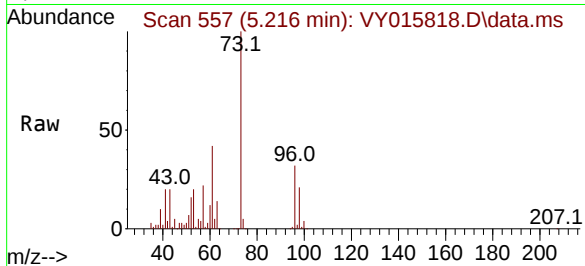




#21
trans-1,2-Dichloroethene
Concen: 44.168 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

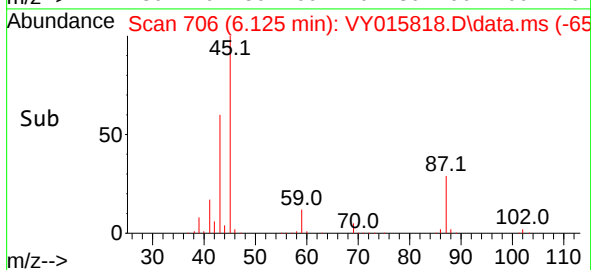
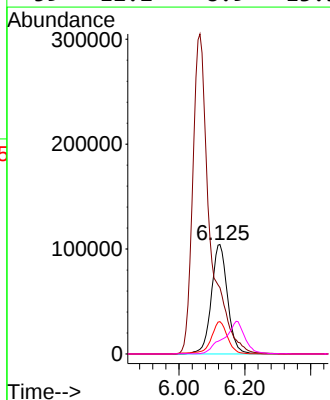
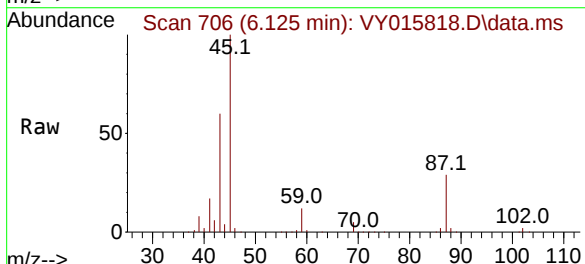
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

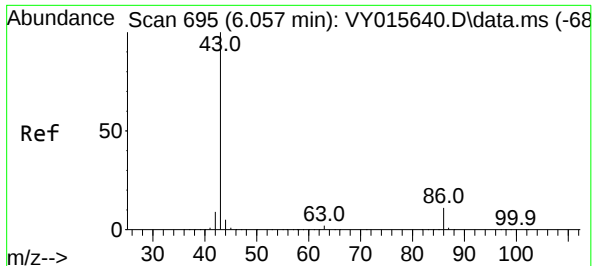
Tgt Ion: 96 Resp: 89691
Ion Ratio Lower Upper
96 100
61 129.9 110.2 165.4
98 64.1 51.8 77.6



#22
Diisopropyl ether
Concen: 45.523 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 45 Resp: 355864
Ion Ratio Lower Upper
45 100
43 60.2 52.2 78.4
87 29.5 21.0 31.6
59 12.2 8.9 13.3

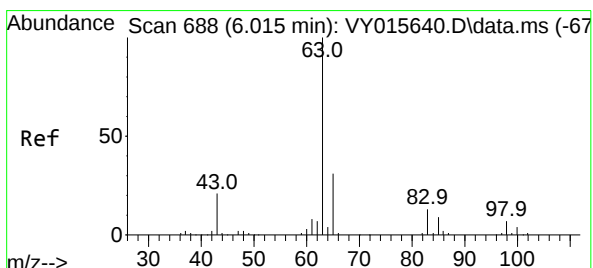
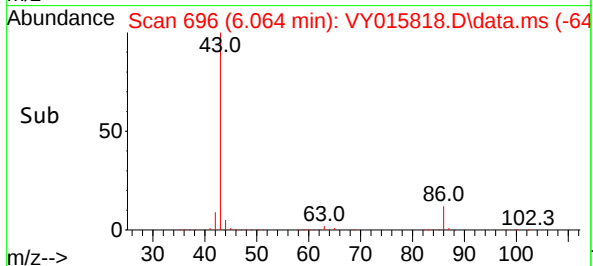
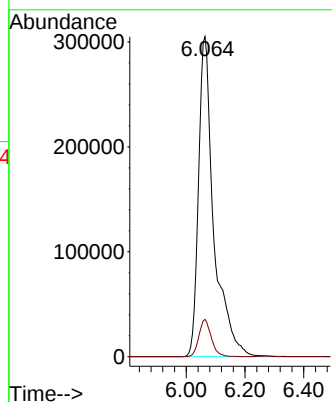
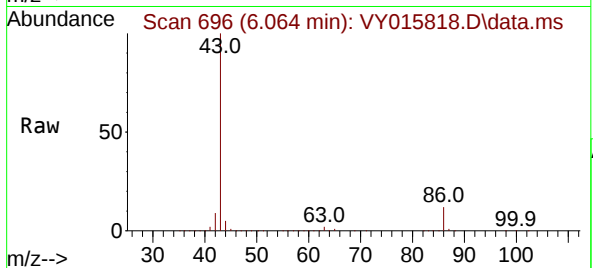




#23
 Vinyl Acetate
 Concen: 228.685 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.013 min
 Lab File: VY015818.D
 Acq: 03 Oct 2023 20:26

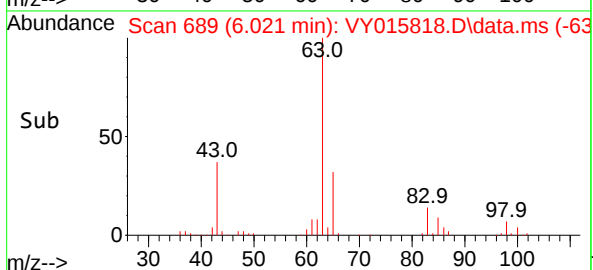
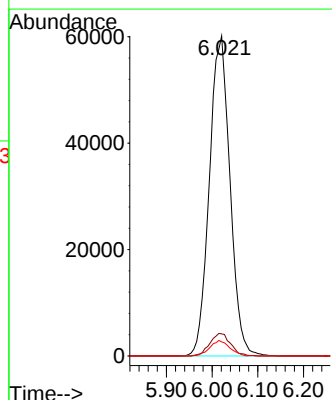
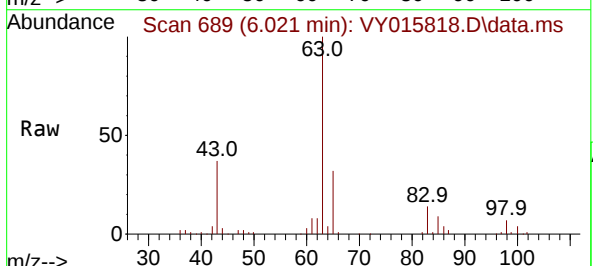
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

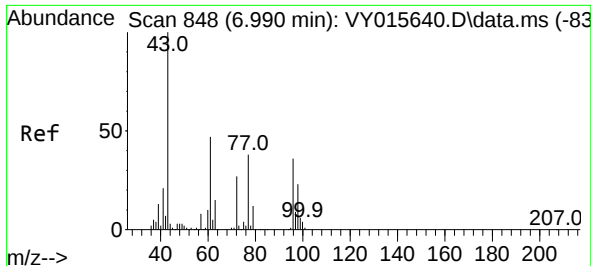
Tgt Ion: 43 Resp: 1103422
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 44.254 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015818.D
 Acq: 03 Oct 2023 20:26

Tgt Ion: 63 Resp: 188560
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.4 1.8 5.5

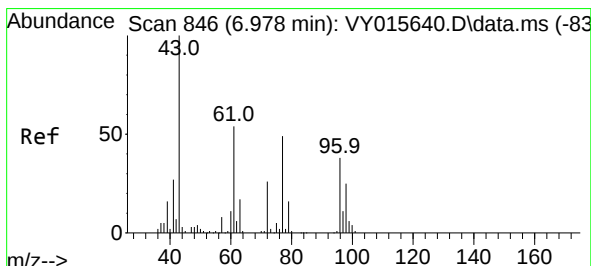
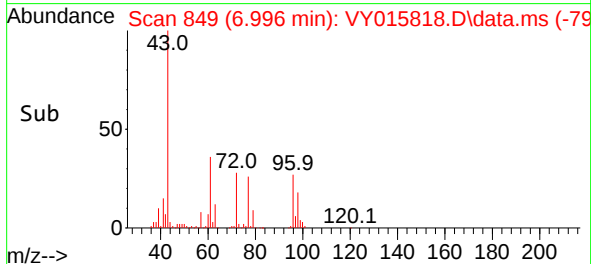
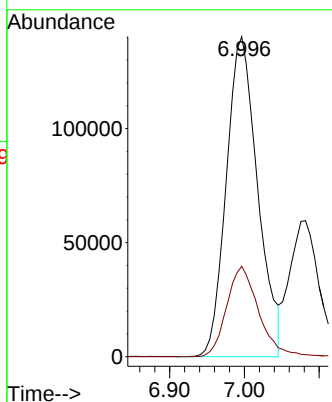
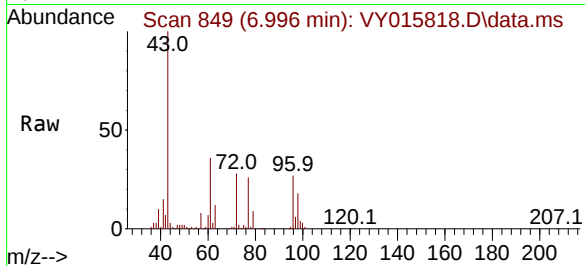




#25
2-Butanone
Concen: 243.639 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

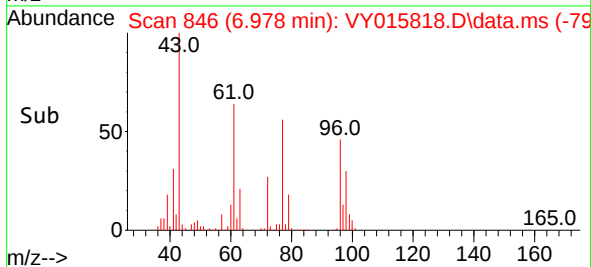
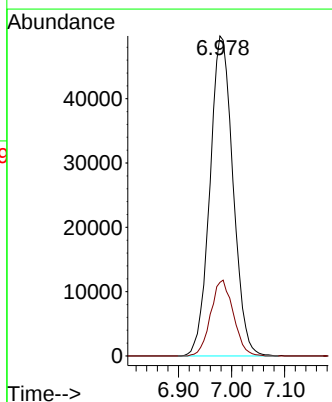
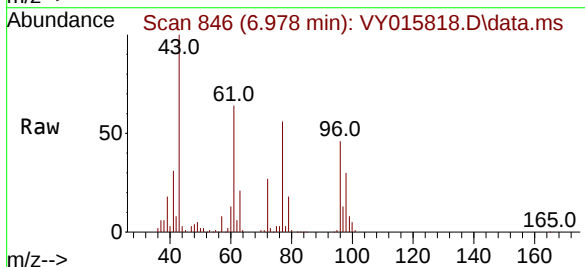
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

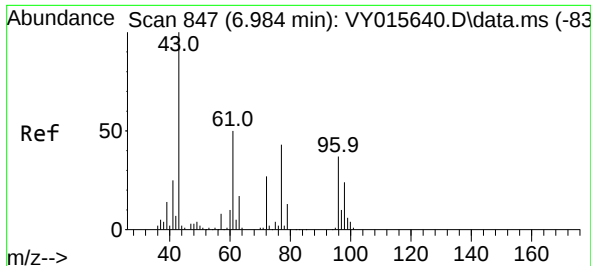
Tgt Ion: 43 Resp: 409484
Ion Ratio Lower Upper
43 100
72 28.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 38.661 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 77 Resp: 150562
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 45.736 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

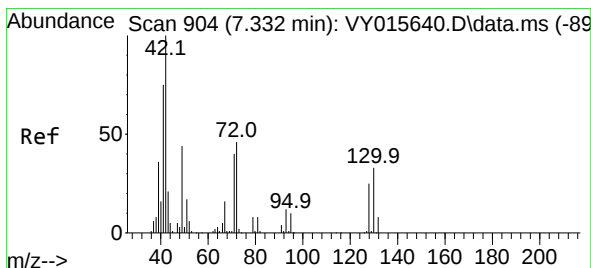
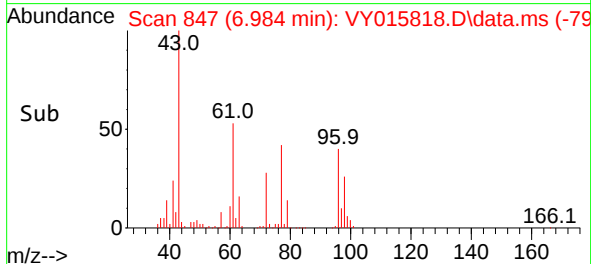
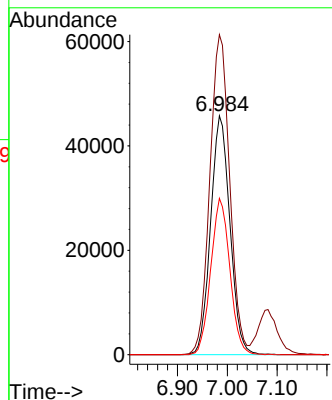
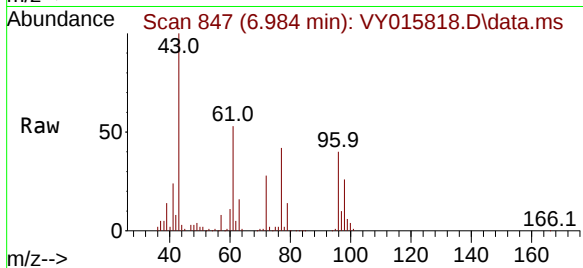
Tgt Ion: 96 Resp: 123298

Ion Ratio Lower Upper

96 100

61 137.7 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 63.813 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

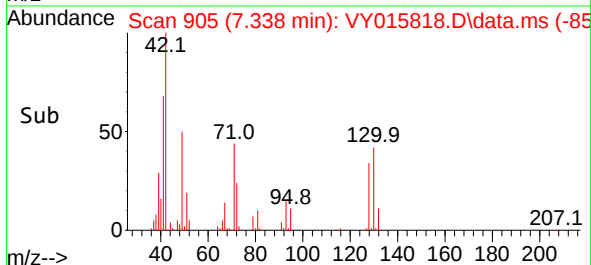
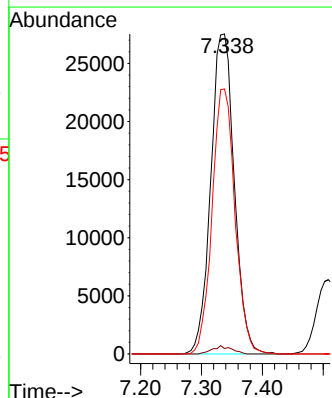
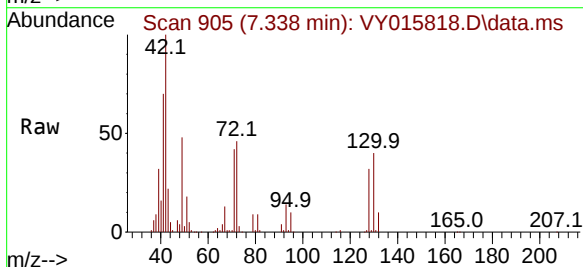
Tgt Ion: 49 Resp: 73769

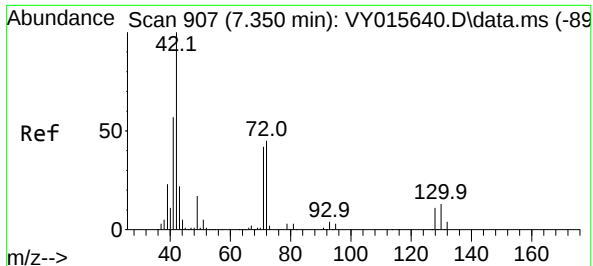
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 80.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 286.619 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

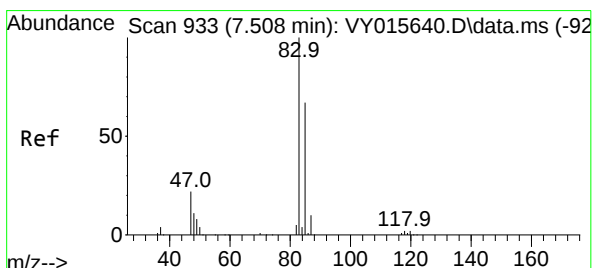
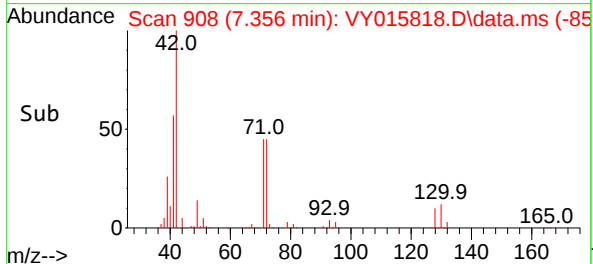
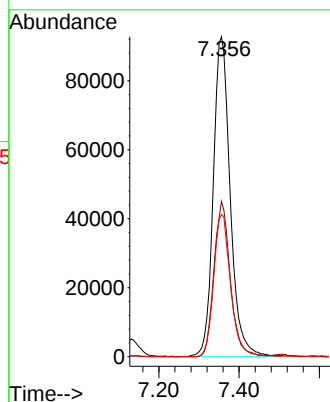
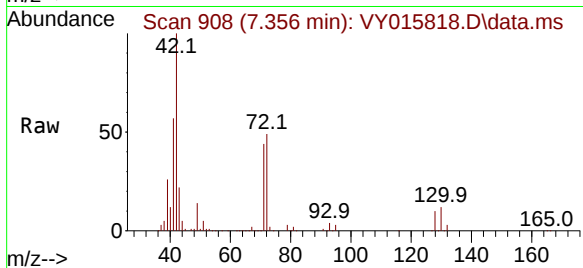
Tgt Ion: 42 Resp: 272273

Ion Ratio Lower Upper

42 100

72 46.8 32.8 49.2

71 44.3 31.0 46.4



#30

Chloroform

Concen: 46.090 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015818.D

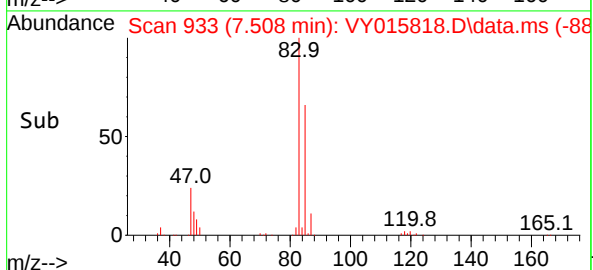
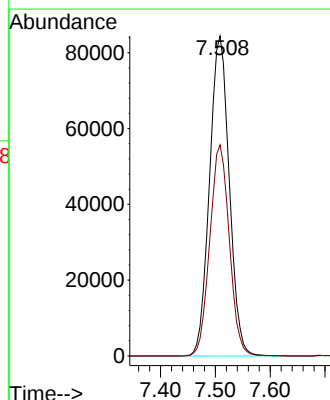
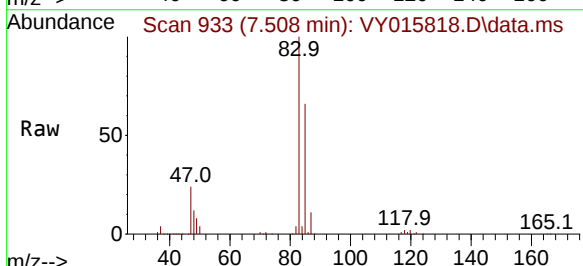
Acq: 03 Oct 2023 20:26

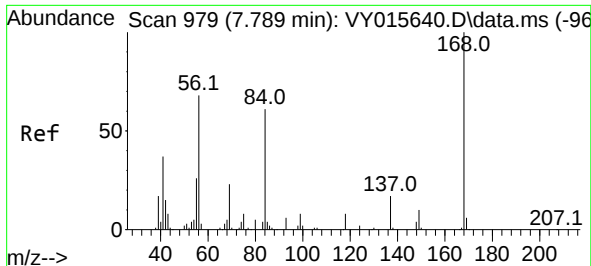
Tgt Ion: 83 Resp: 210309

Ion Ratio Lower Upper

83 100

85 65.9 49.7 74.5

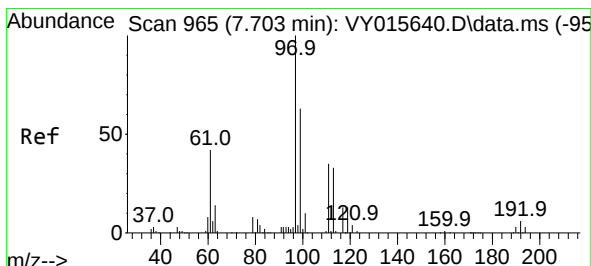
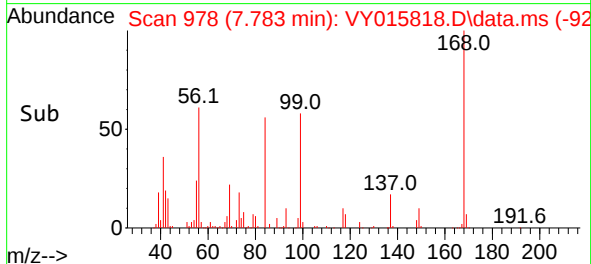
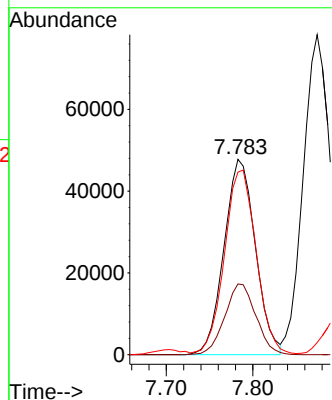
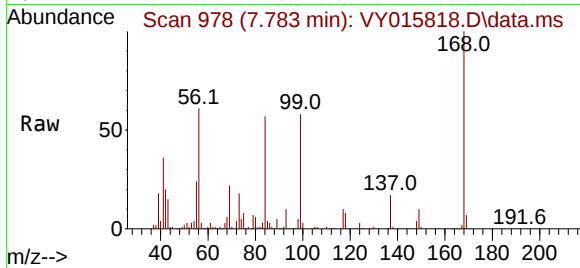




#31
Cyclohexane
Concen: 39.164 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

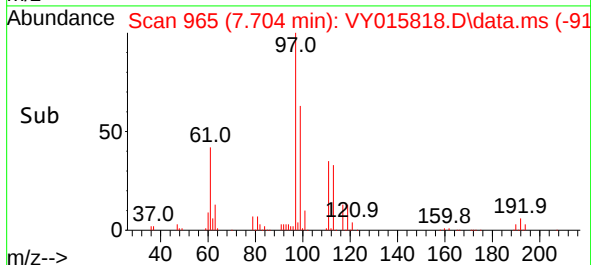
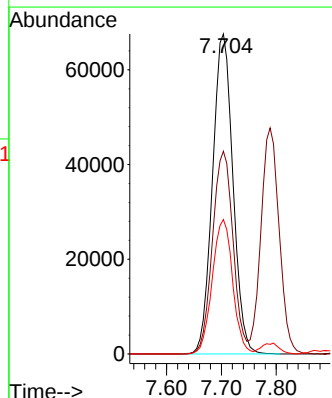
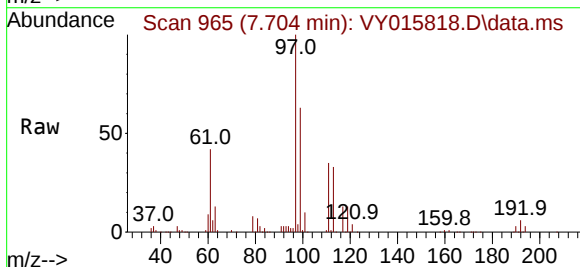
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

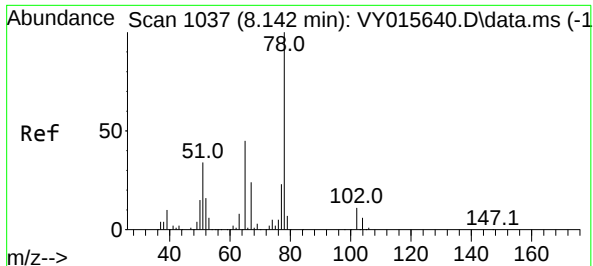
Tgt Ion: 56 Resp: 120548
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.6
84 91.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.411 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.013 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 97 Resp: 174824
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.929 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

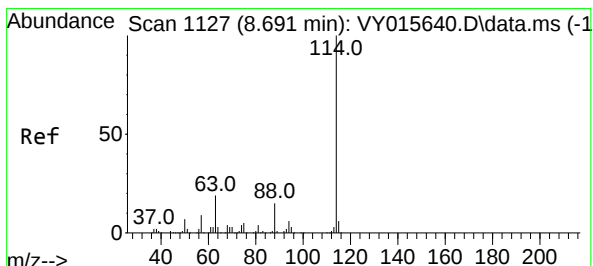
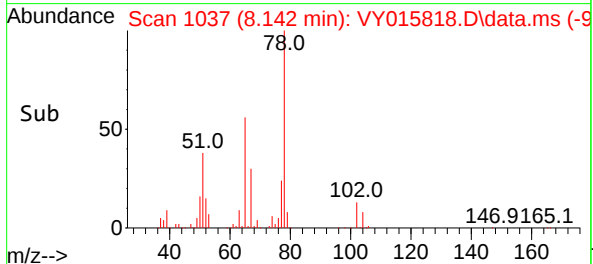
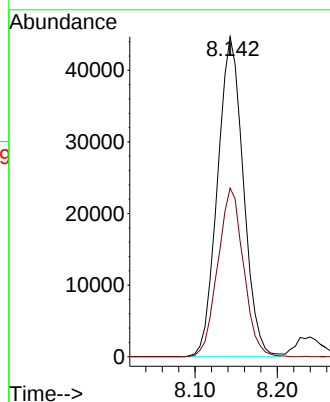
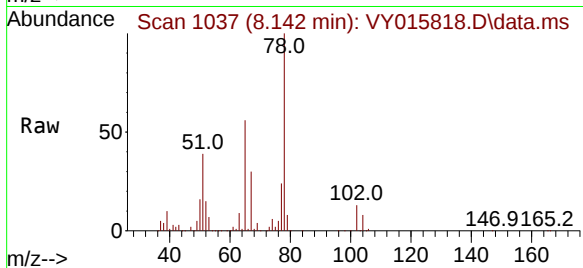
VSTDCCC050EC

Tgt Ion: 65 Resp: 97605

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

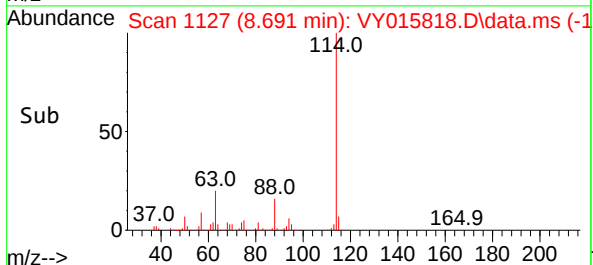
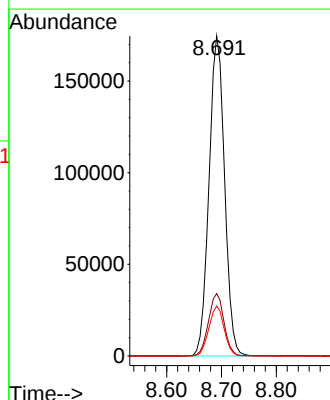
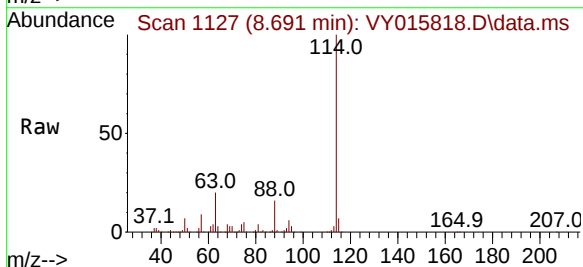
Tgt Ion: 114 Resp: 342894

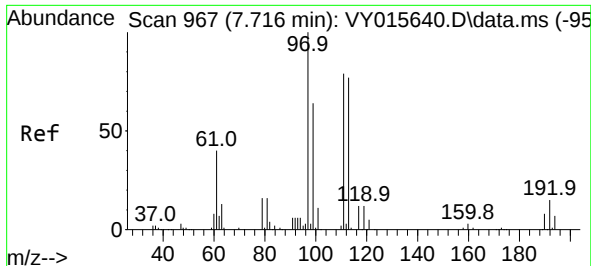
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.6 0.0 30.6

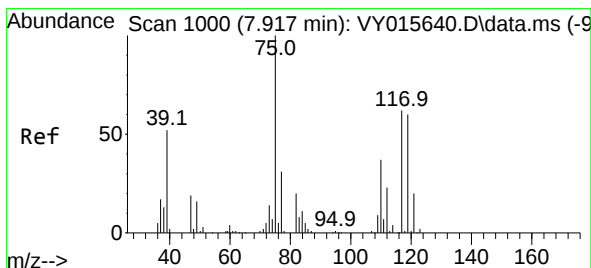
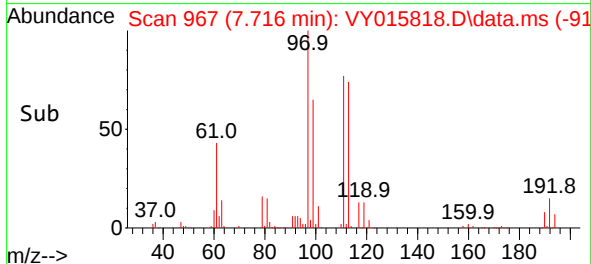
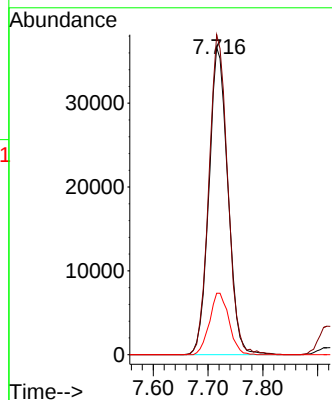
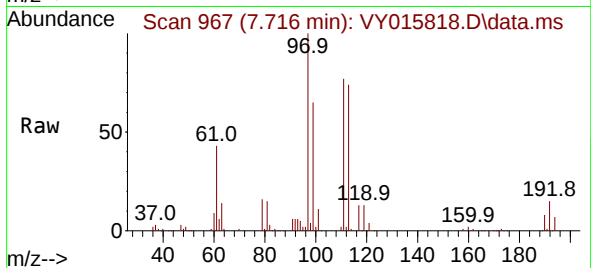




#35
Dibromofluoromethane
Concen: 42.720 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

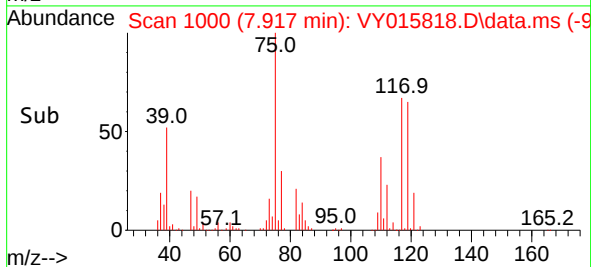
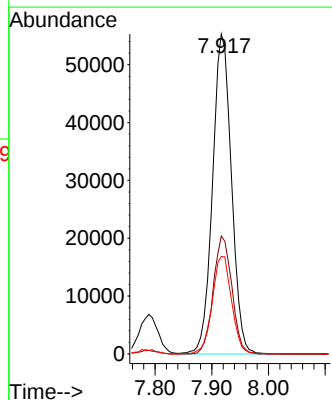
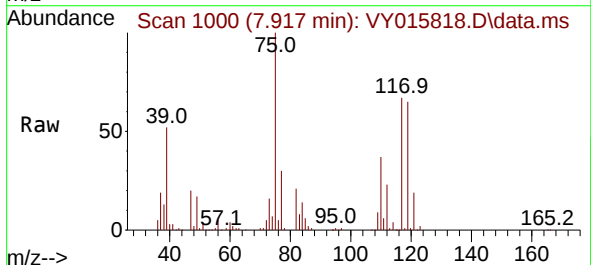
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

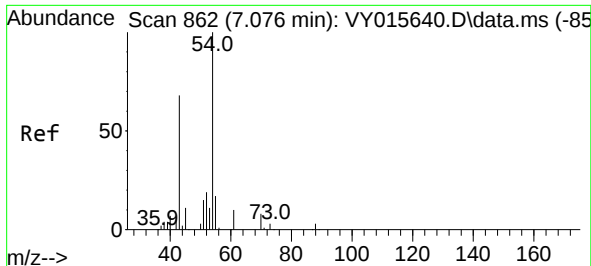
Tgt Ion:113 Resp: 87676
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 42.171 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 75 Resp: 127971
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 56.765 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.019 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

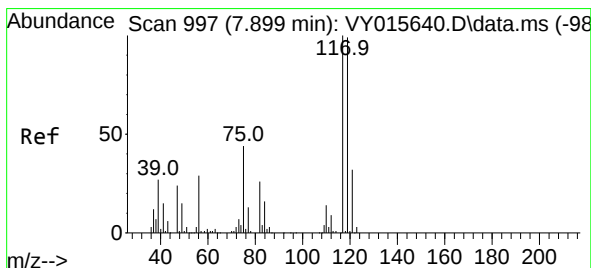
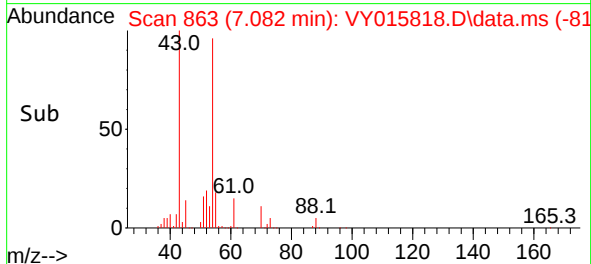
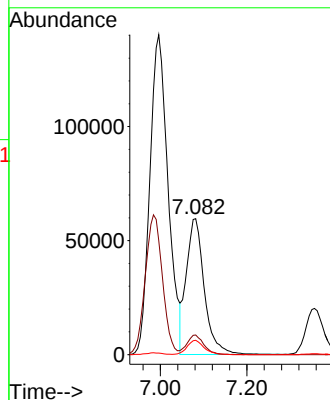
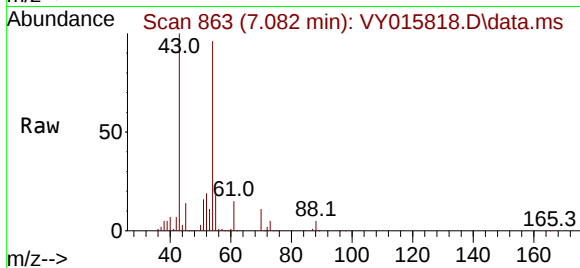
Tgt Ion: 43 Resp: 171817

Ion Ratio Lower Upper

43 100

61 13.6 10.1 15.1

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 45.431 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

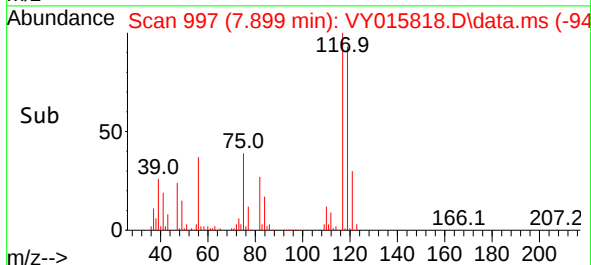
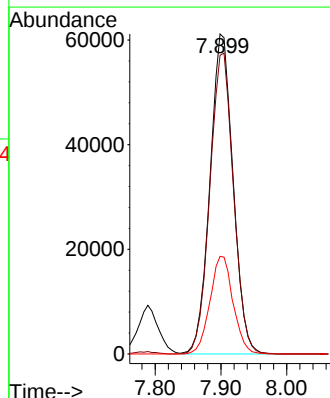
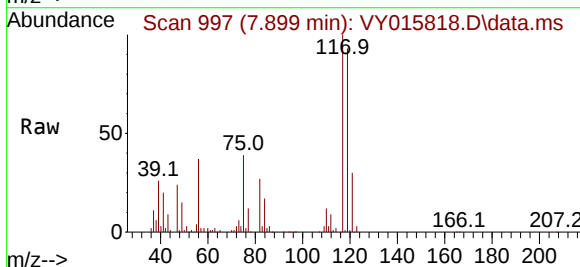
Tgt Ion: 117 Resp: 149644

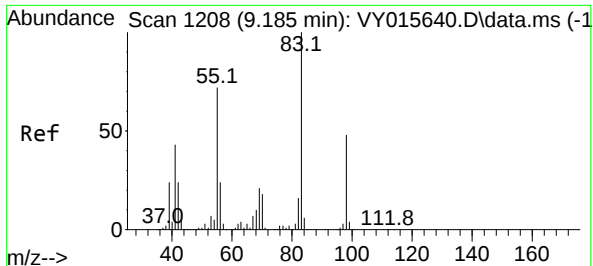
Ion Ratio Lower Upper

117 100

119 93.3 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 42.066 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

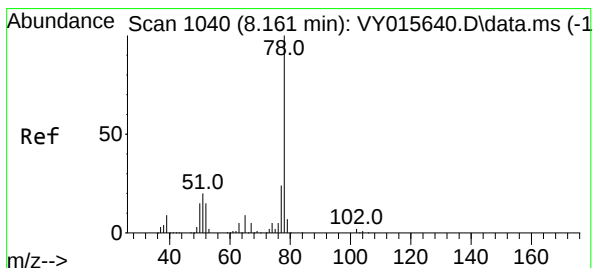
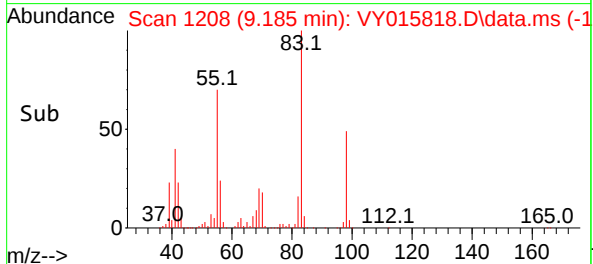
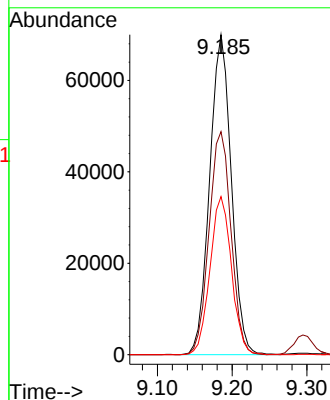
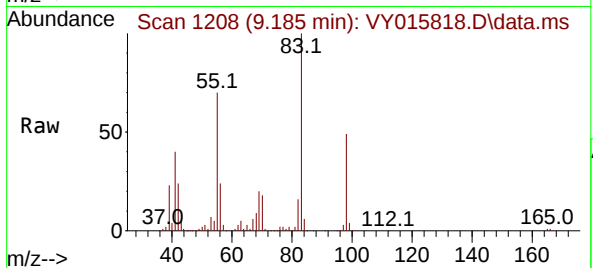
Tgt Ion: 83 Resp: 141188

Ion Ratio Lower Upper

83 100

55 69.7 63.0 94.4

98 49.4 37.4 56.2



#40

Benzene

Concen: 44.004 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015818.D

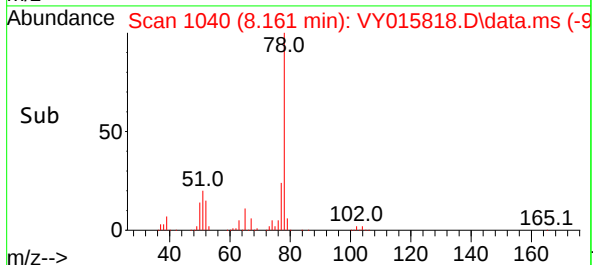
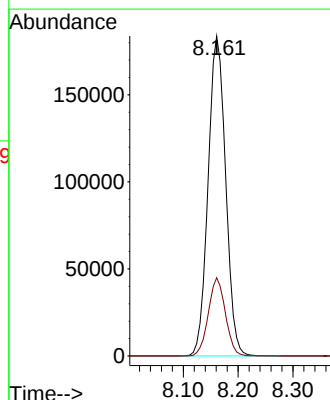
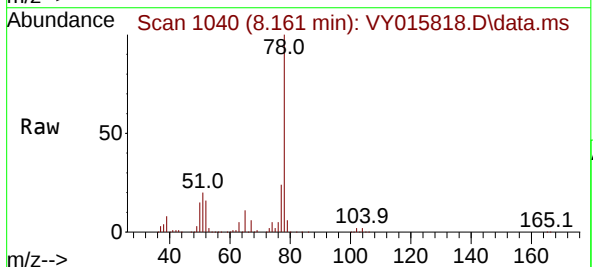
Acq: 03 Oct 2023 20:26

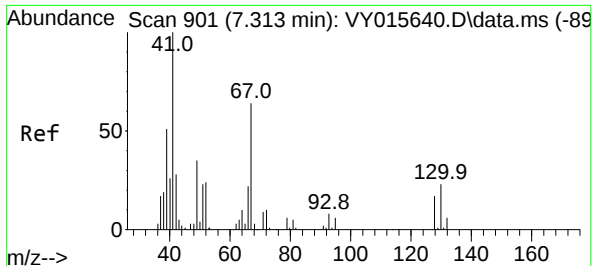
Tgt Ion: 78 Resp: 407217

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6



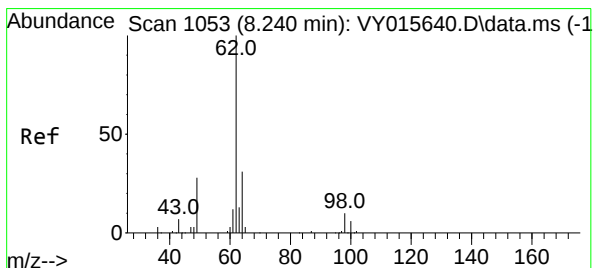
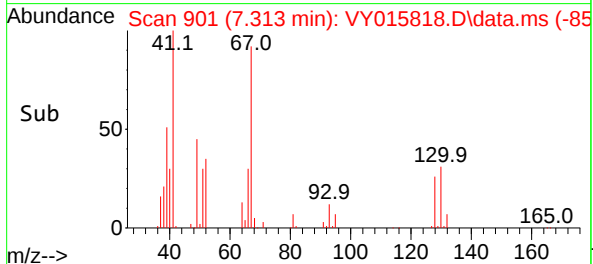
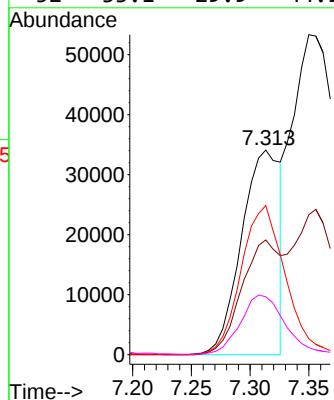
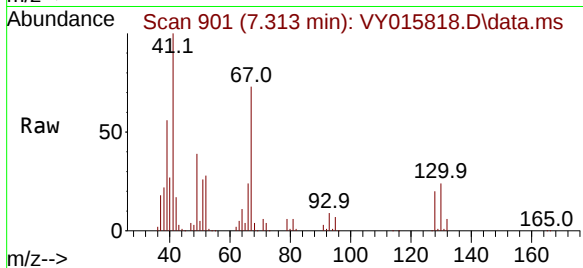


#41
Methacrylonitrile
Concen: 48.098 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 78389

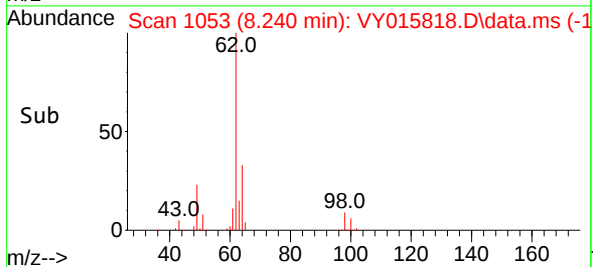
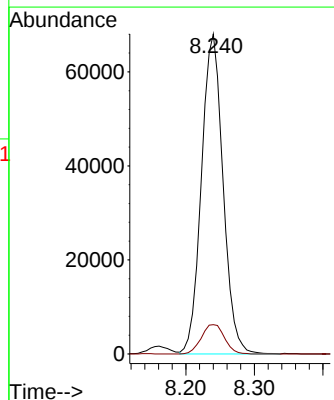
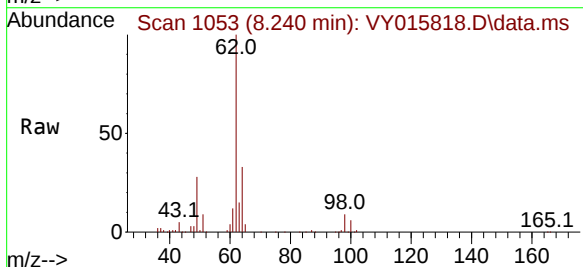
Ion	Ratio	Lower	Upper
41	100		
39	54.5	52.1	78.1
67	83.7	66.2	99.2
52	33.1	29.9	44.9

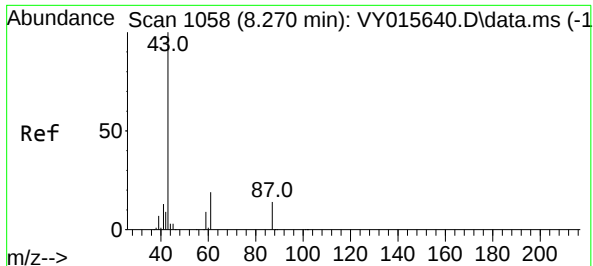


#42
1,2-Dichloroethane
Concen: 47.110 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 62 Resp: 149305

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 52.485 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.013 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

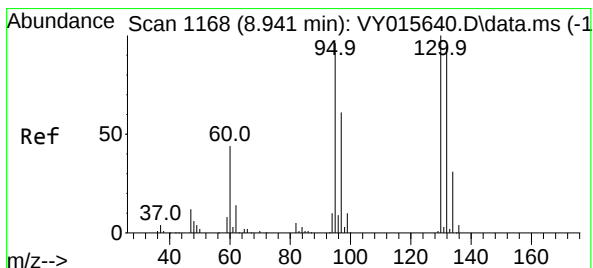
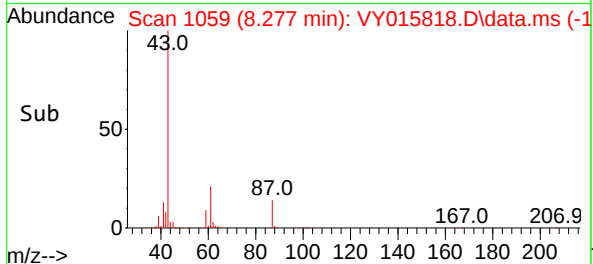
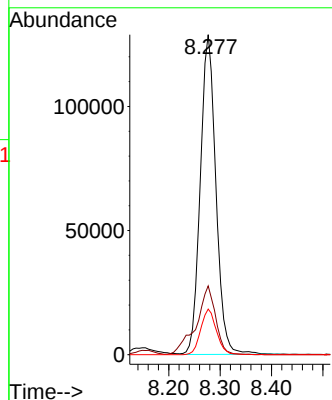
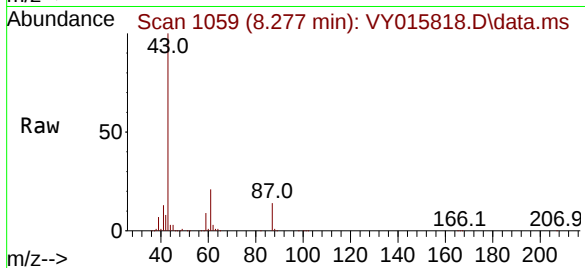
Tgt Ion: 43 Resp: 271366

Ion Ratio Lower Upper

43 100

61 26.9 21.1 31.7

87 14.4 9.8 14.8



#44

Trichloroethene

Concen: 46.398 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY015818.D

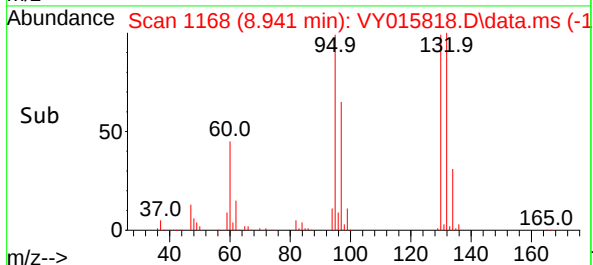
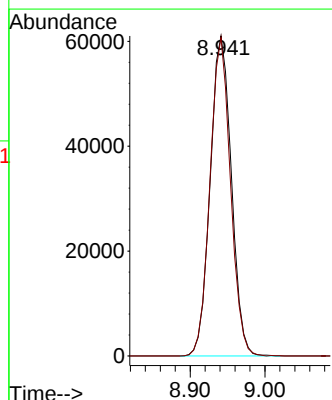
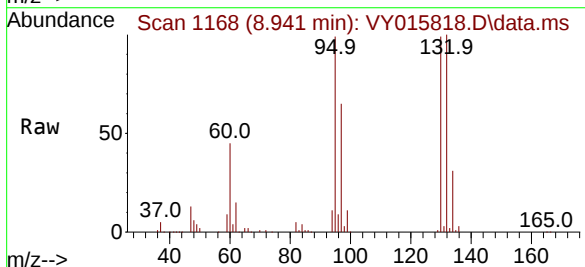
Acq: 03 Oct 2023 20:26

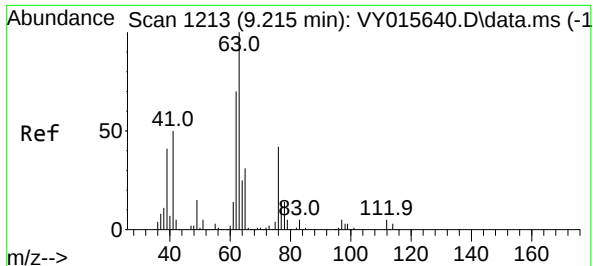
Tgt Ion:130 Resp: 119924

Ion Ratio Lower Upper

130 100

95 99.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 44.956 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

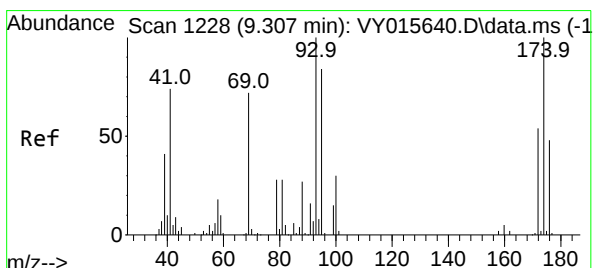
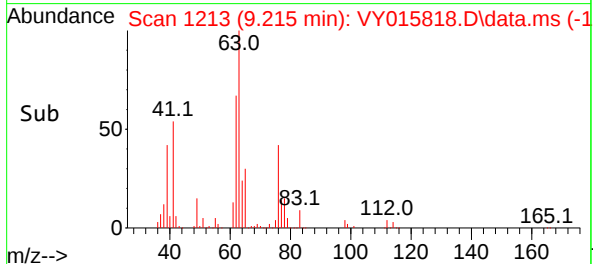
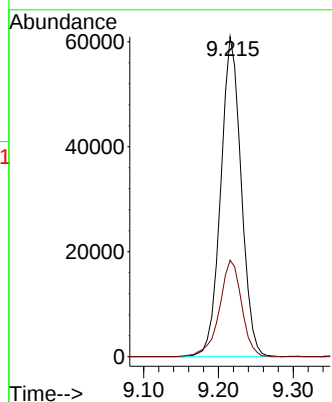
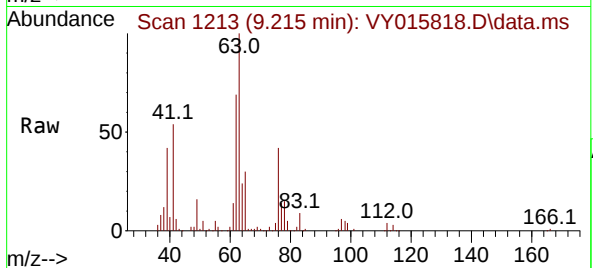
VSTDCCC050EC

Tgt Ion: 63 Resp: 116017

Ion Ratio Lower Upper

63 100

65 30.2 23.8 35.6



#46

Dibromomethane

Concen: 47.464 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

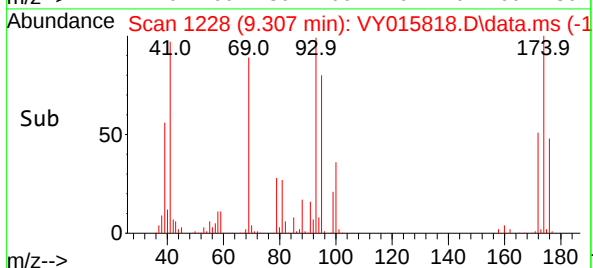
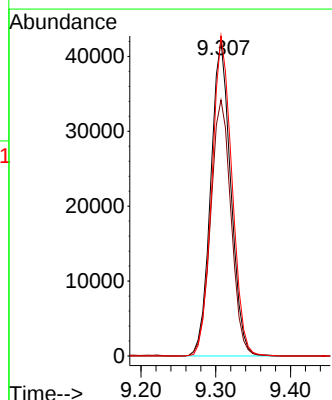
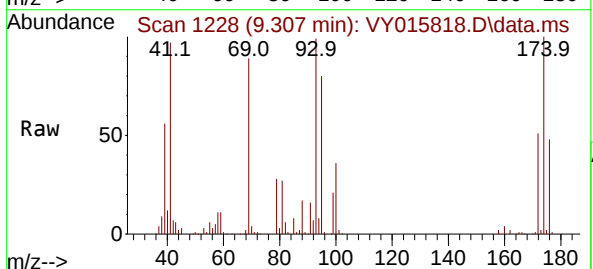
Tgt Ion: 93 Resp: 78352

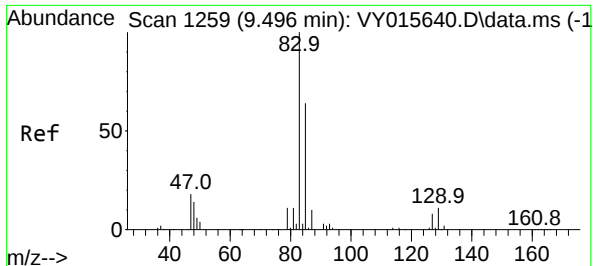
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 101.8 84.8 127.2





#47

Bromodichloromethane

Concen: 47.748 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

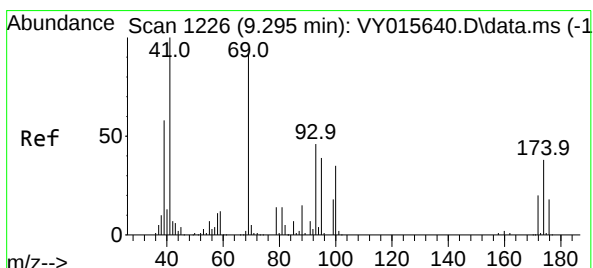
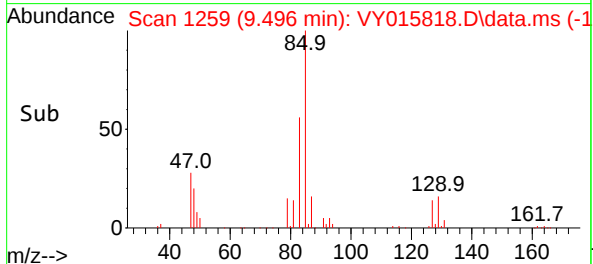
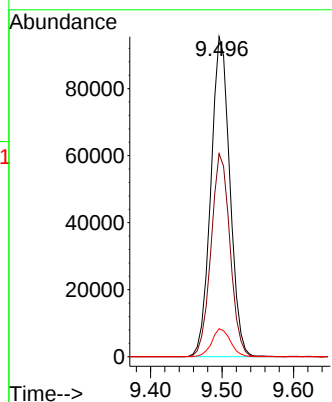
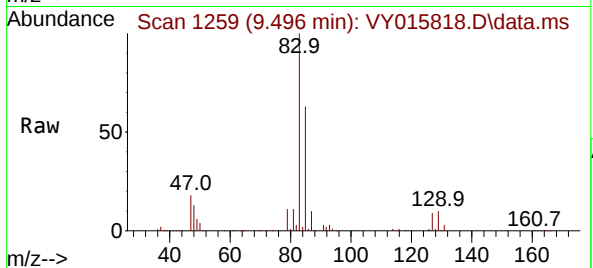
Tgt Ion: 83 Resp: 175689

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

127 8.8 7.1 10.7



#48

Methyl methacrylate

Concen: 52.085 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

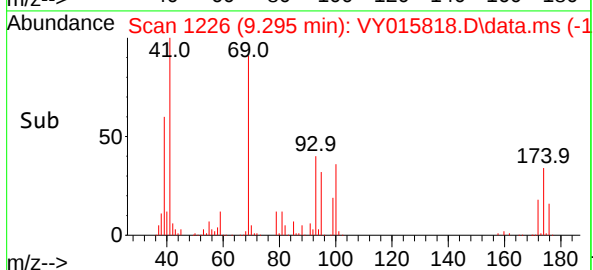
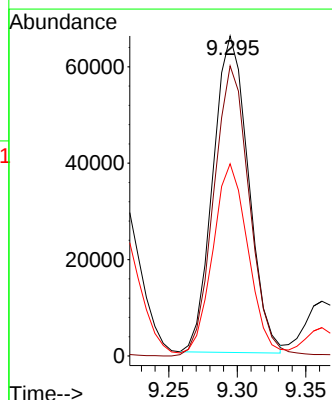
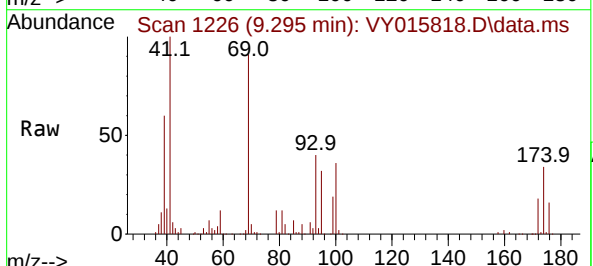
Tgt Ion: 41 Resp: 118206

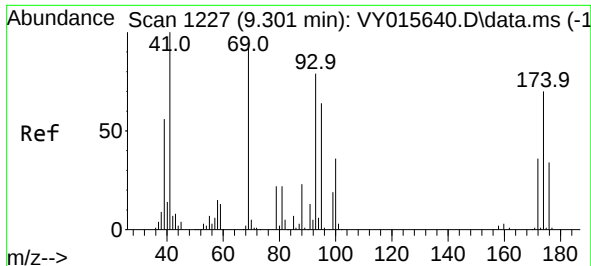
Ion Ratio Lower Upper

41 100

69 92.5 64.5 96.7

39 60.8 50.8 76.2





#49

1,4-Dioxane

Concen: 1439.696 ug/l

RT: 9.325 min Scan# 11

Delta R.T. 0.036 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

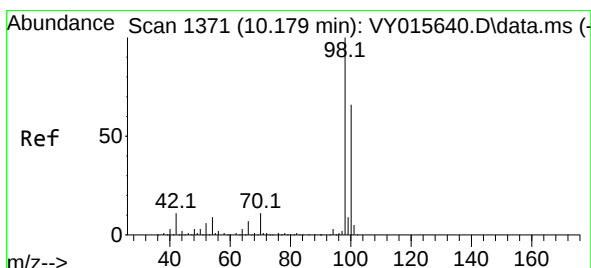
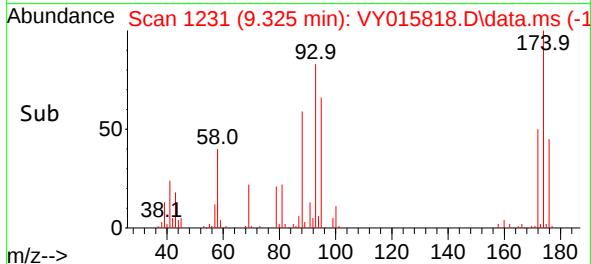
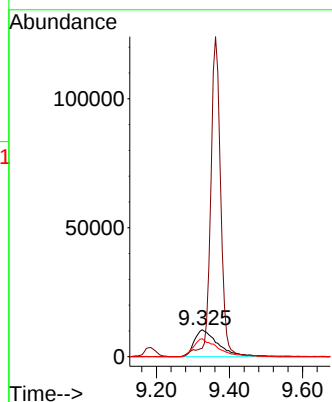
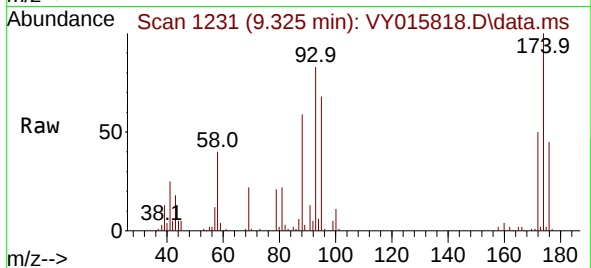
Tgt Ion: 88 Resp: 46952

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.5 30.9 46.3#



#50

Toluene-d8

Concen: 43.292 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015818.D

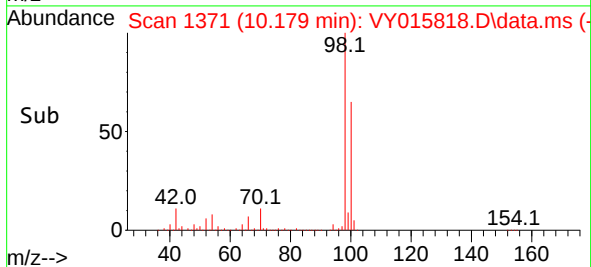
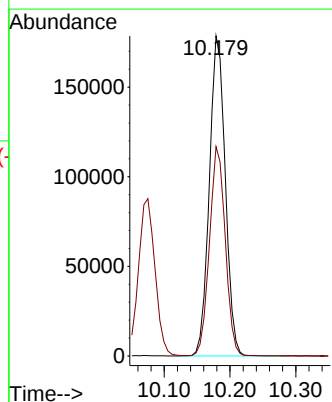
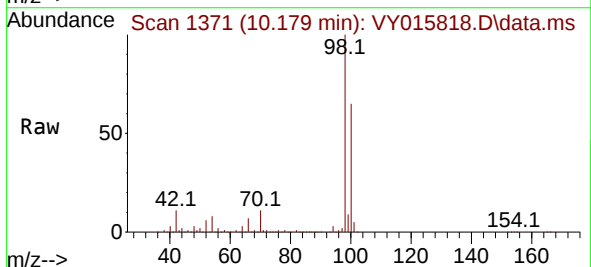
Acq: 03 Oct 2023 20:26

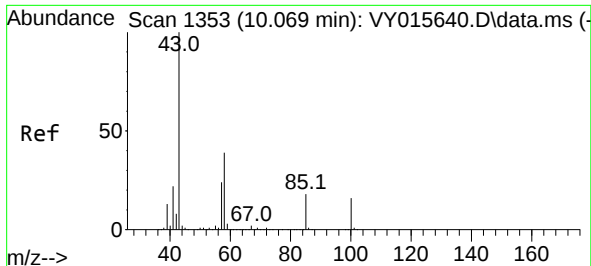
Tgt Ion: 98 Resp: 301256

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

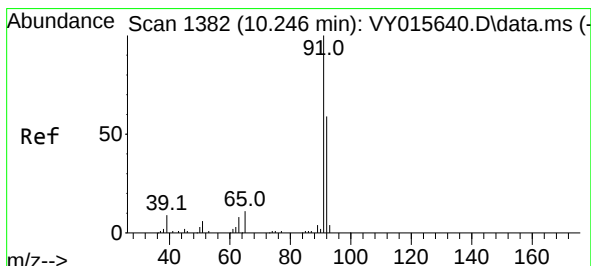
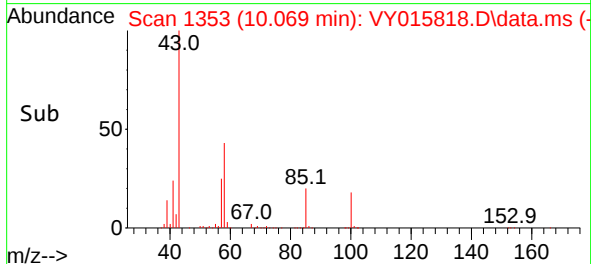
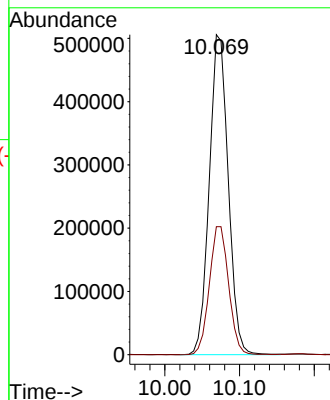
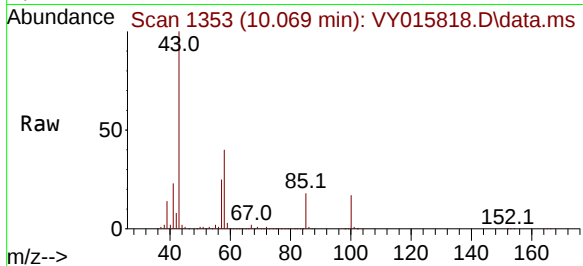




#51
4-Methyl-2-Pentanone
Concen: 277.780 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

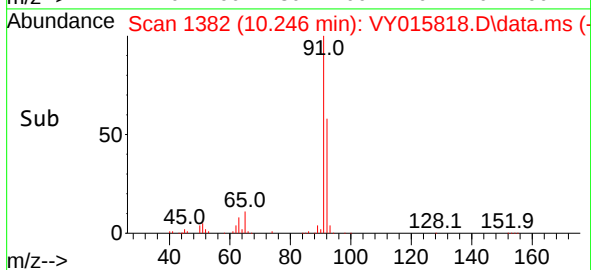
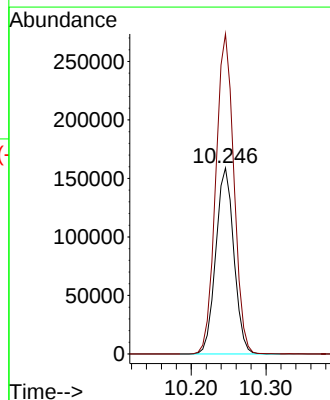
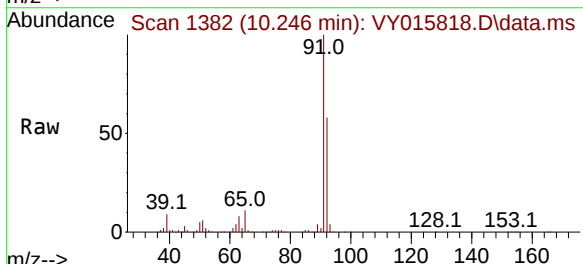
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

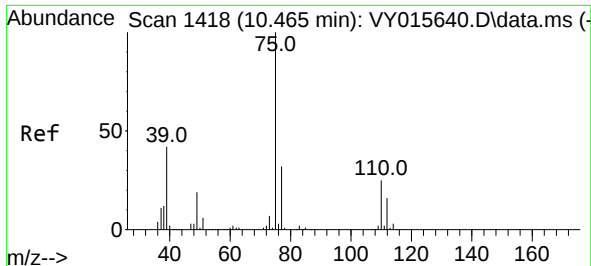
Tgt Ion: 43 Resp: 890199
Ion Ratio Lower Upper
43 100
58 40.8 29.0 43.6



#52
Toluene
Concen: 44.715 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 92 Resp: 266765
Ion Ratio Lower Upper
92 100
91 172.9 143.8 215.6

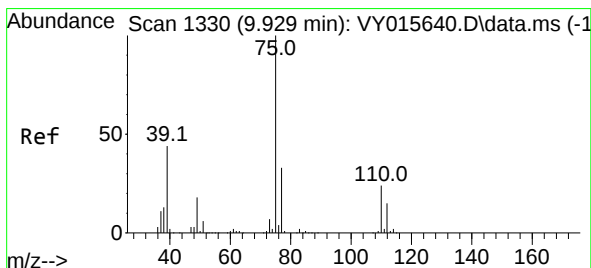
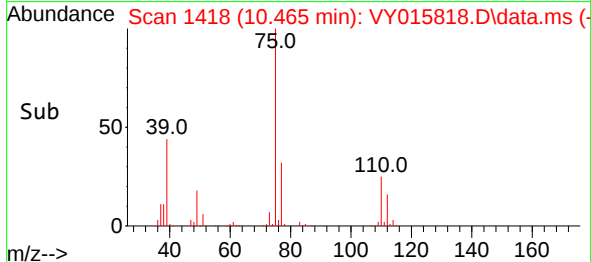
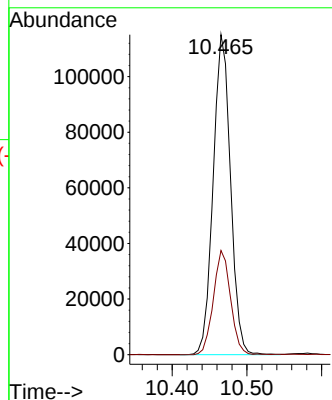
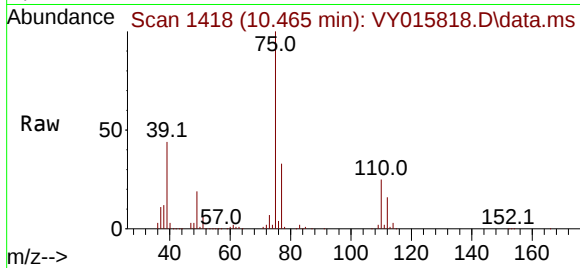




#53
 t-1,3-Dichloropropene
 Concen: 47.009 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015818.D
 Acq: 03 Oct 2023 20:26

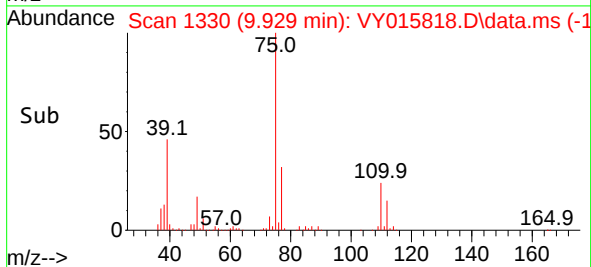
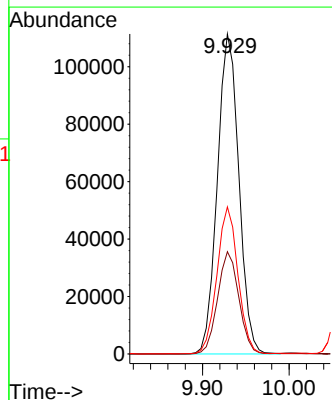
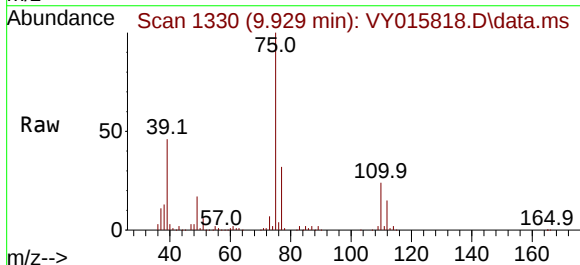
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

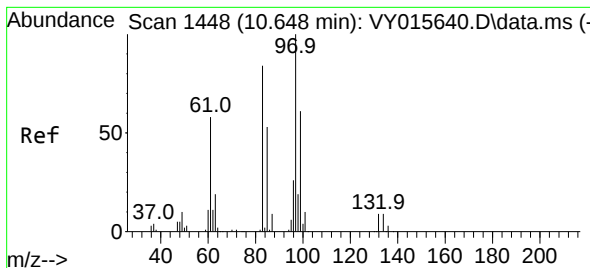
Tgt Ion: 75 Resp: 185487
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 45.191 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015818.D
 Acq: 03 Oct 2023 20:26

Tgt Ion: 75 Resp: 191940
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 45.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 48.963 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 118449

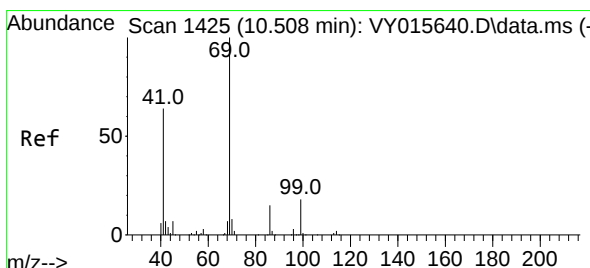
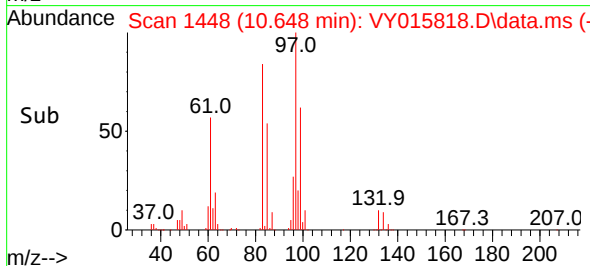
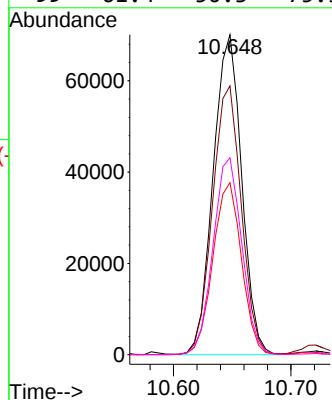
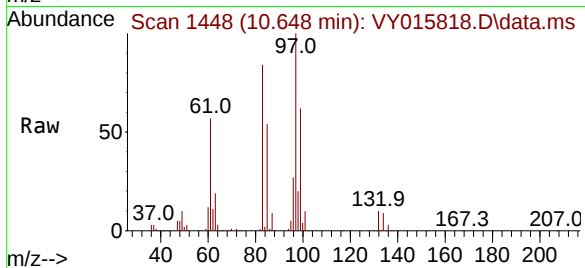
Ion Ratio Lower Upper

97 100

83 83.8 72.0 108.0

85 53.6 45.4 68.0

99 61.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.217 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

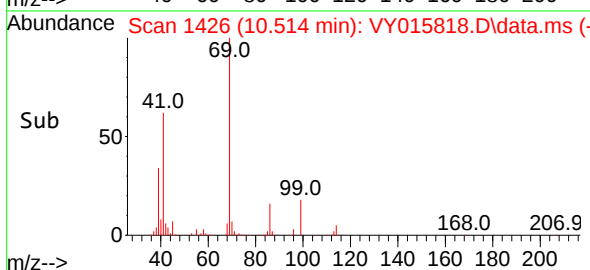
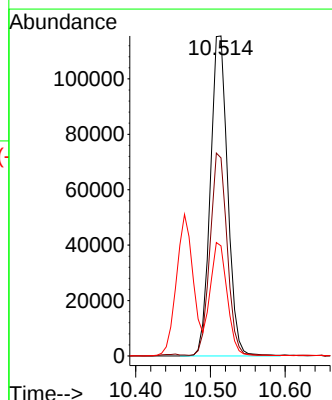
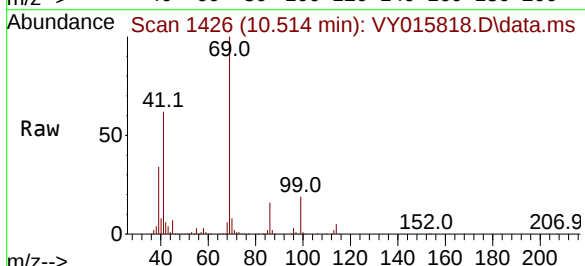
Tgt Ion: 69 Resp: 186158

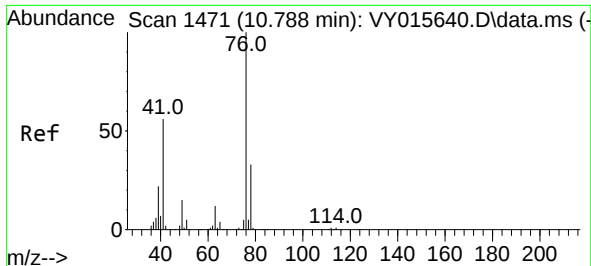
Ion Ratio Lower Upper

69 100

41 62.2 57.6 86.4

39 34.4 34.1 51.1





#57

1,3-Dichloropropane

Concen: 47.399 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

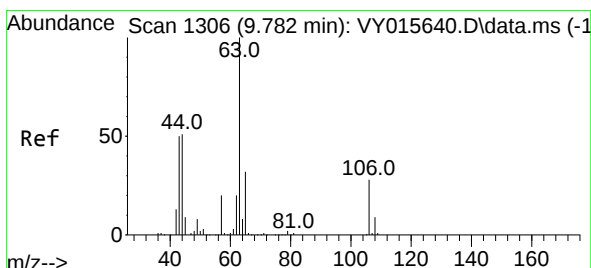
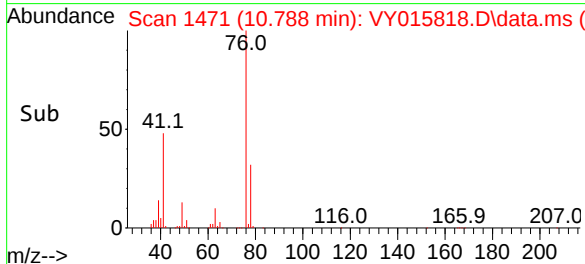
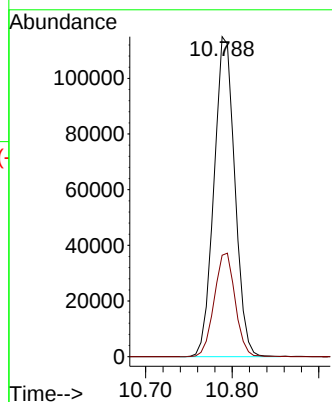
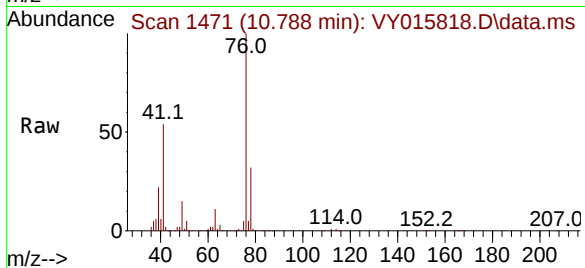
VSTDCCC050EC

Tgt Ion: 76 Resp: 192291

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 188.083 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015818.D

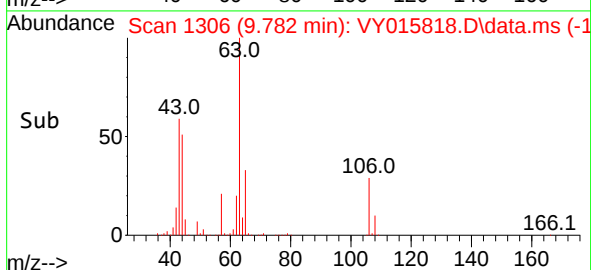
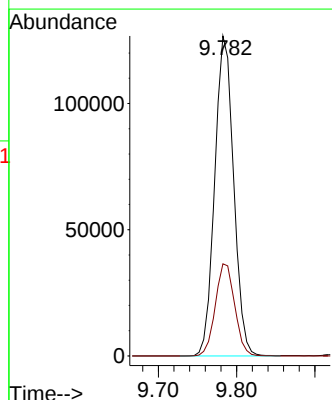
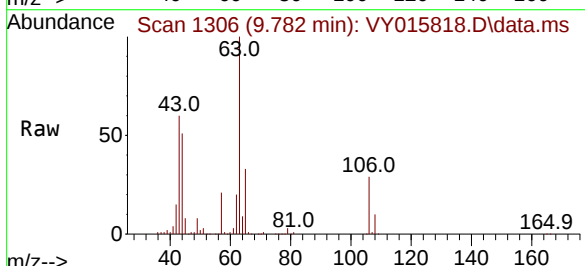
Acq: 03 Oct 2023 20:26

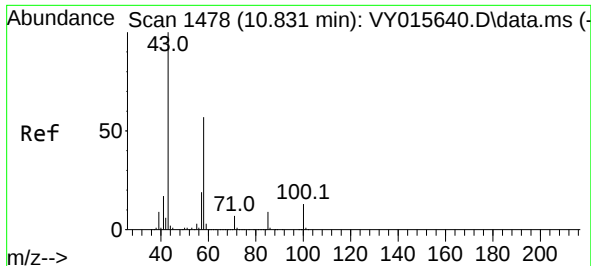
Tgt Ion: 63 Resp: 212991

Ion Ratio Lower Upper

63 100

106 29.5 21.2 31.8

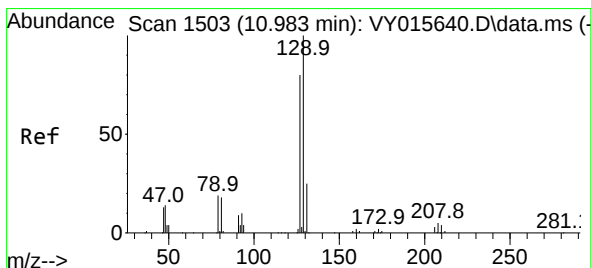
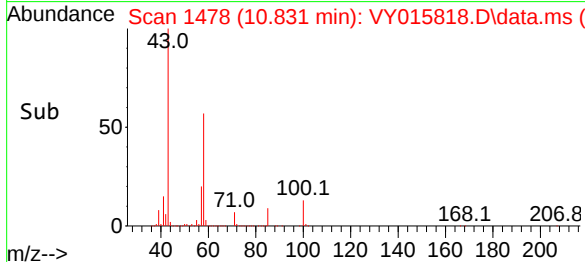
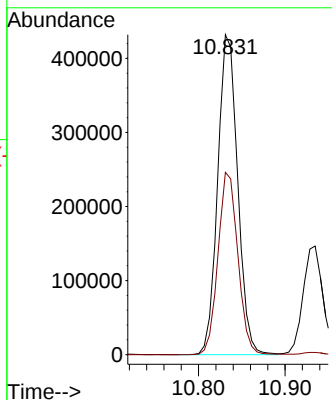
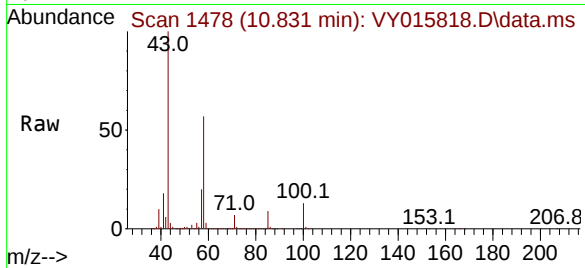




#59
2-Hexanone
Concen: 281.433 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

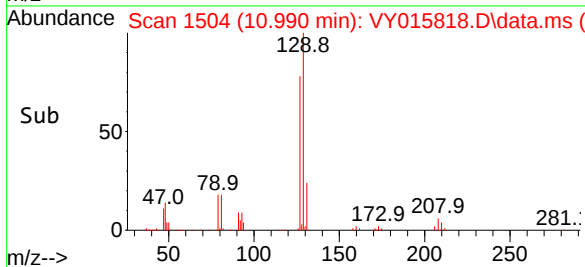
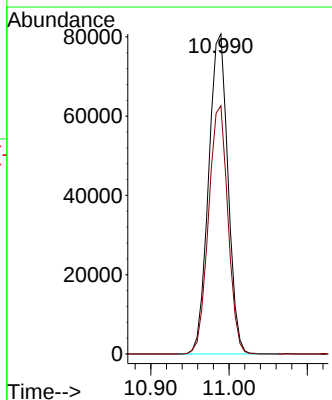
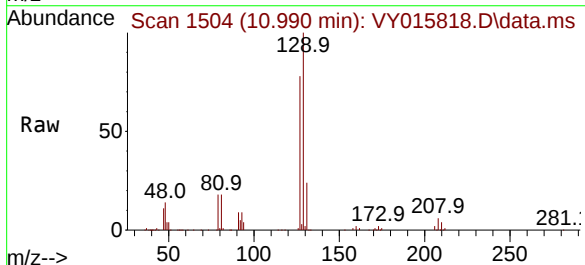
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

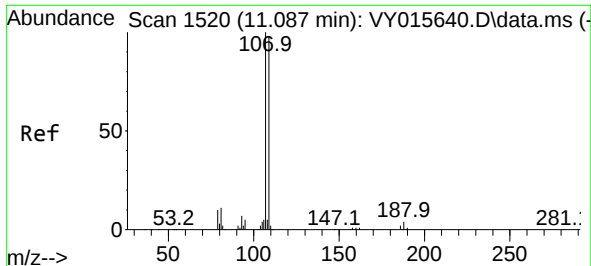
Tgt Ion: 43 Resp: 691953
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3



#60
Dibromochloromethane
Concen: 49.102 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 129 Resp: 138663
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

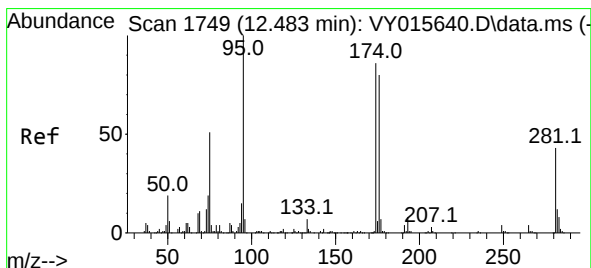
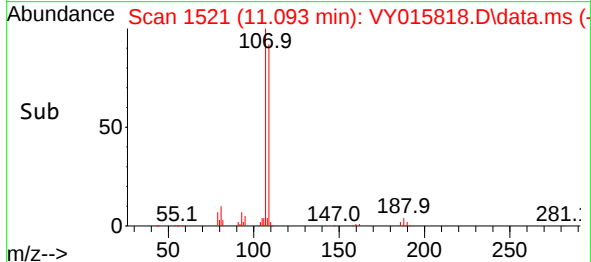
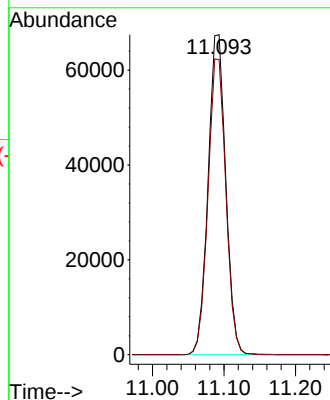
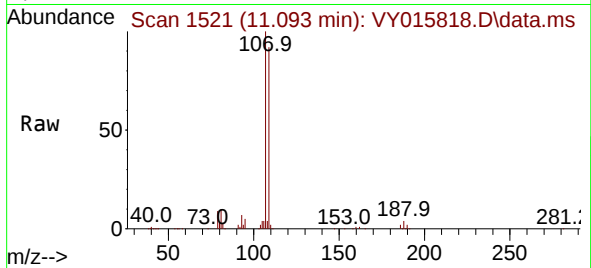




#61
1,2-Dibromoethane
Concen: 49.028 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

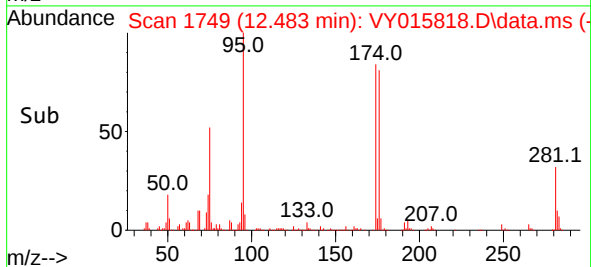
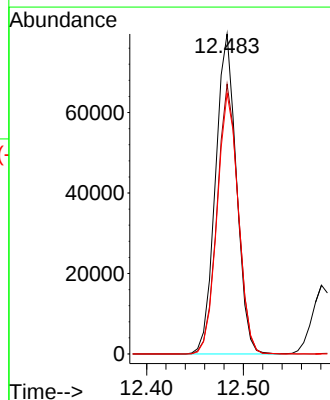
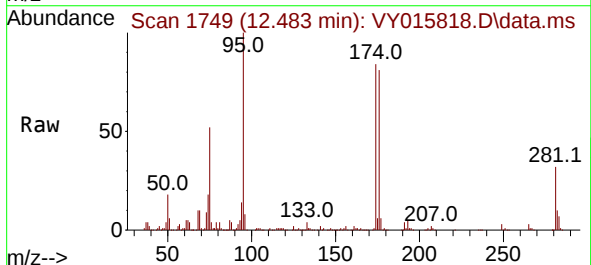
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

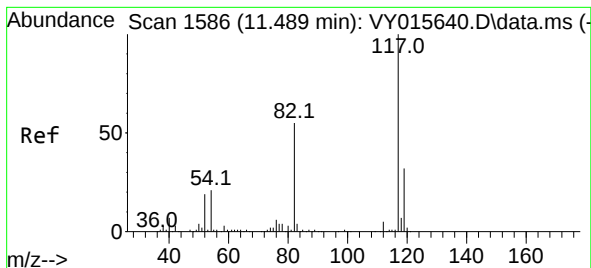
Tgt Ion:107 Resp: 116033
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 95 Resp: 119439
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

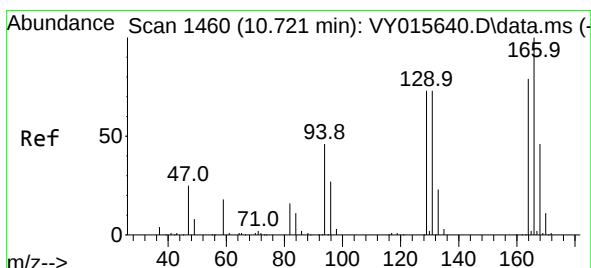
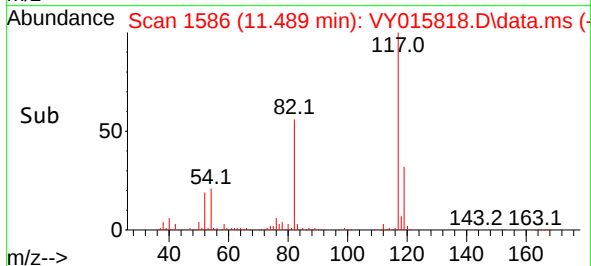
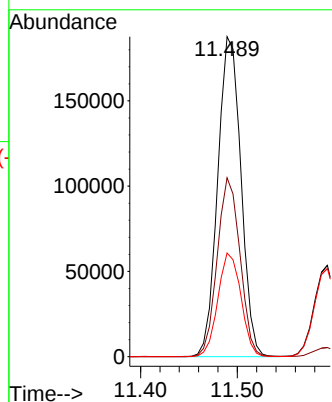
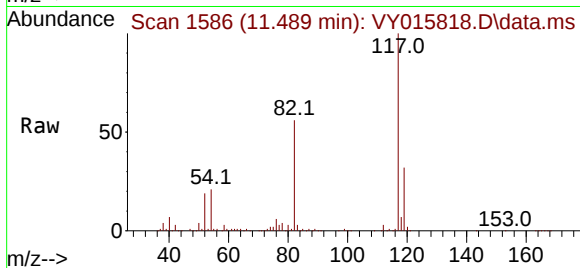
Tgt Ion:117 Resp: 312733

Ion Ratio Lower Upper

117 100

82 55.8 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 51.298 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Tgt Ion:164 Resp: 137639

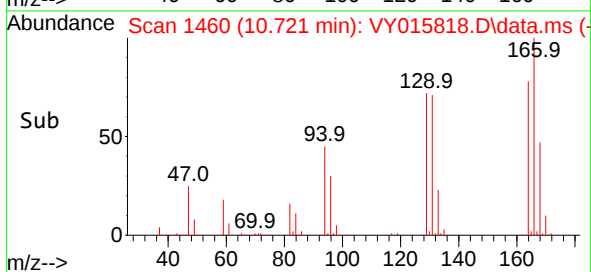
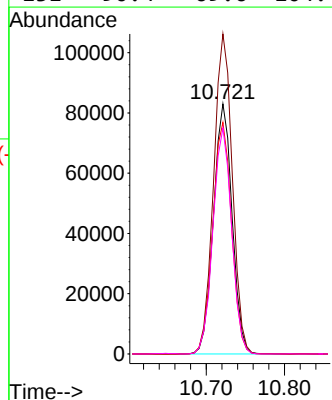
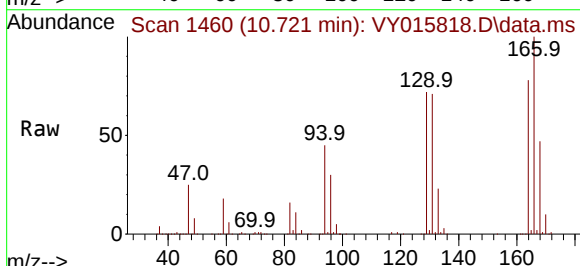
Ion Ratio Lower Upper

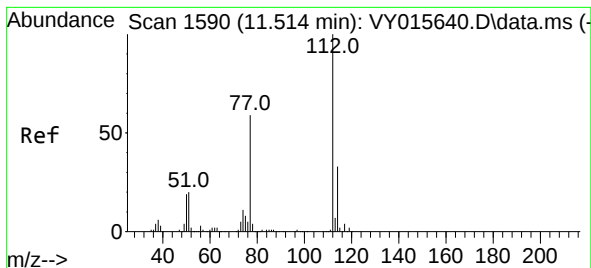
164 100

166 128.0 103.0 154.6

129 92.6 77.2 115.8

131 90.4 69.6 104.4





#65

Chlorobenzene

Concen: 45.799 ug/l

RT: 11.520 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

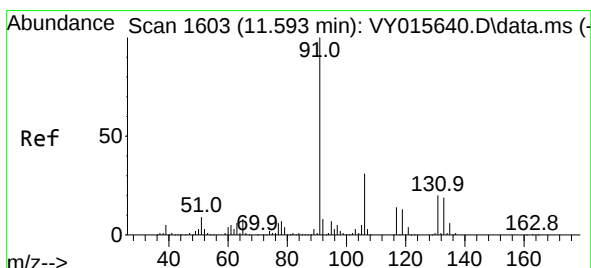
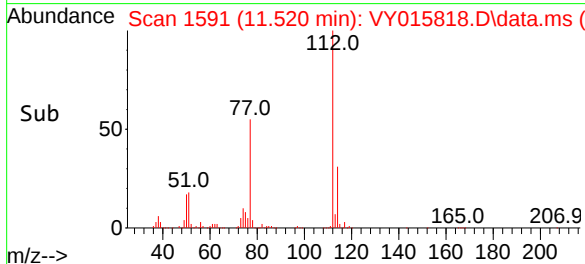
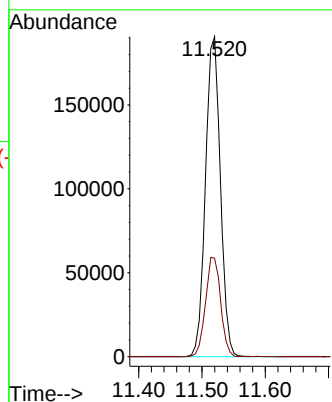
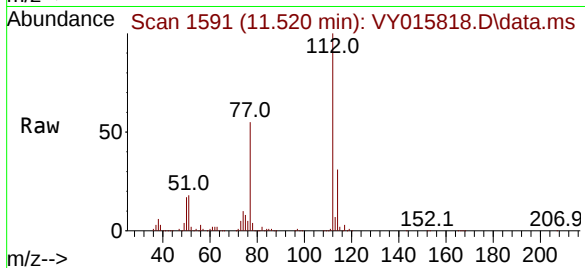
VSTDCCC050EC

Tgt Ion:112 Resp: 312640

Ion Ratio Lower Upper

112 100

114 30.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.001 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

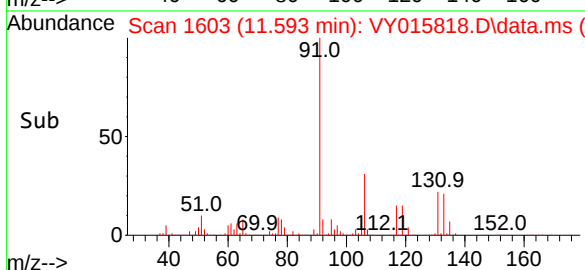
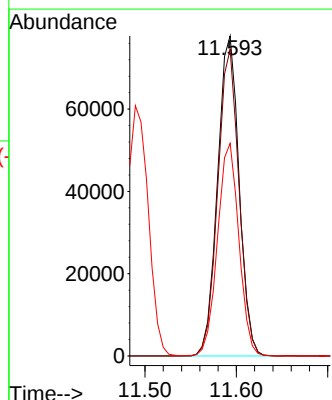
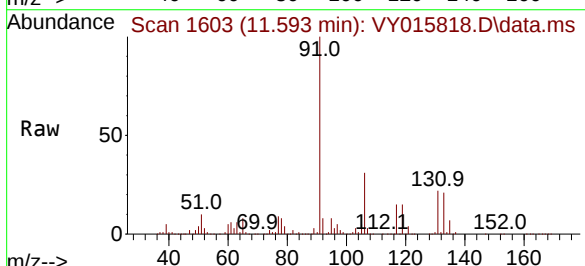
Tgt Ion:131 Resp: 127280

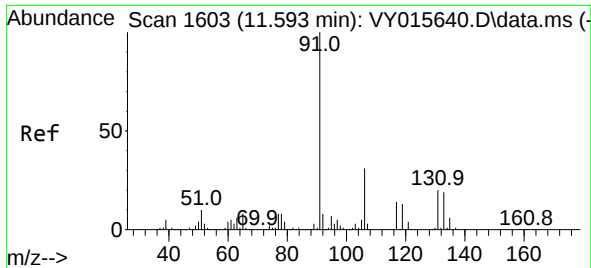
Ion Ratio Lower Upper

131 100

133 94.5 47.5 142.6

119 66.0 31.6 94.7

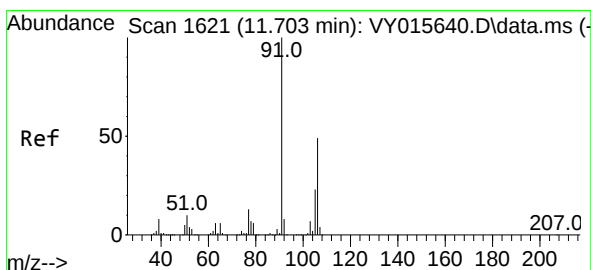
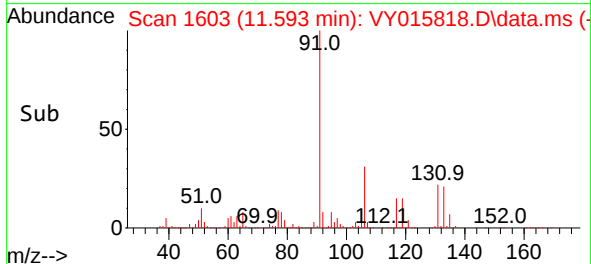
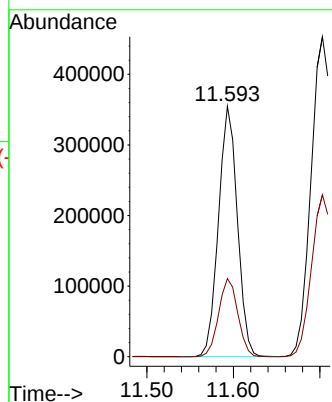
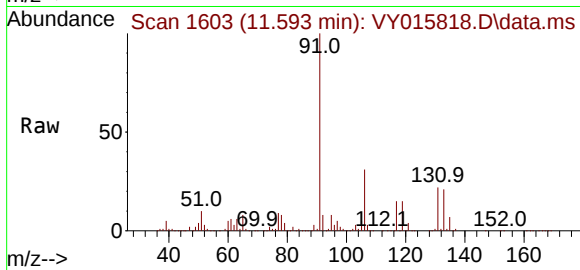




#67
Ethyl Benzene
Concen: 45.016 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

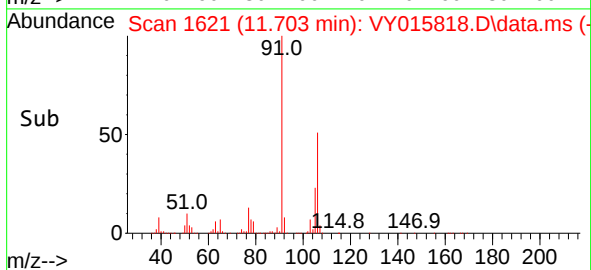
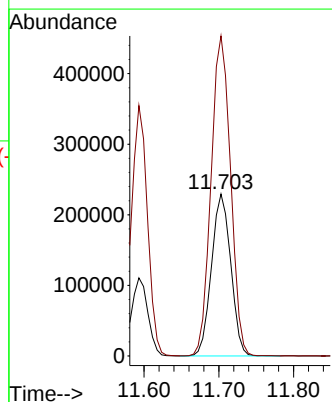
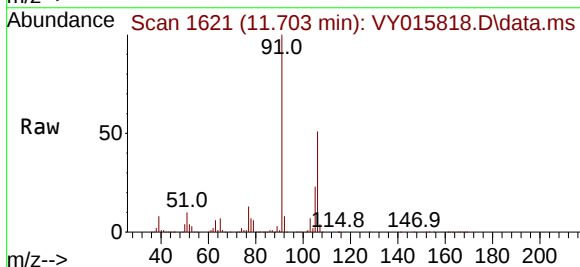
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

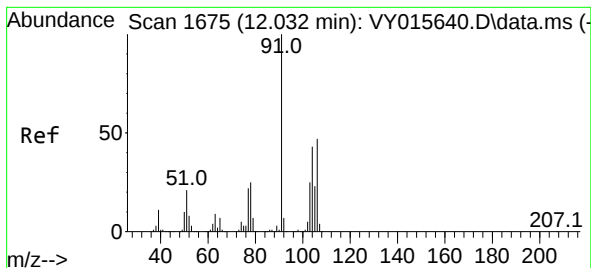
Tgt Ion: 91 Resp: 537112
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 90.493 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion:106 Resp: 410394
Ion Ratio Lower Upper
106 100
91 200.5 166.1 249.1

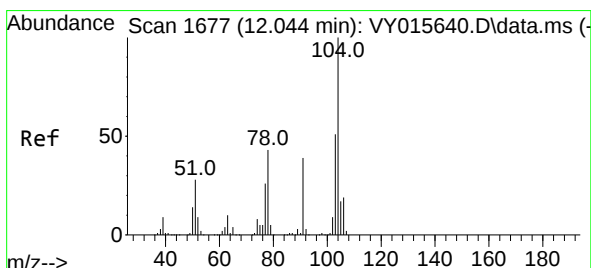
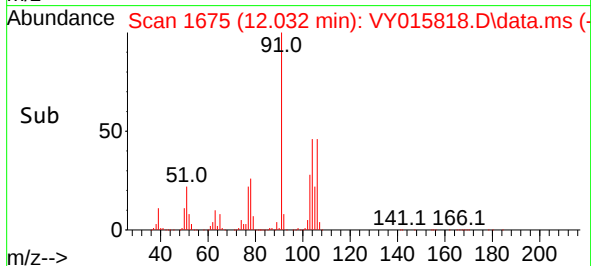
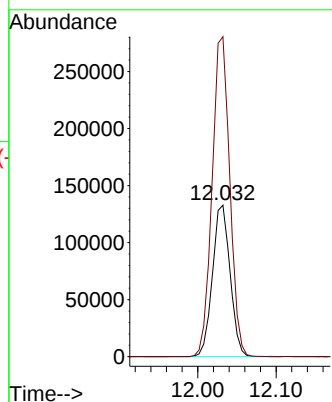
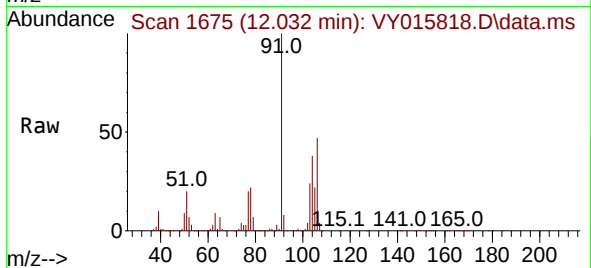




#69
o-Xylene
Concen: 46.709 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

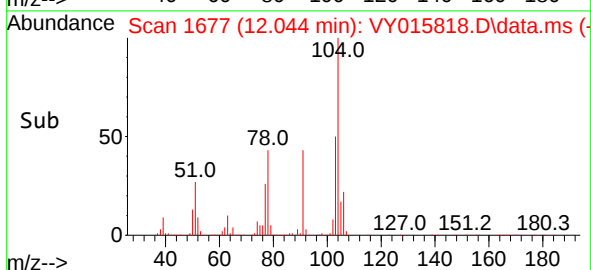
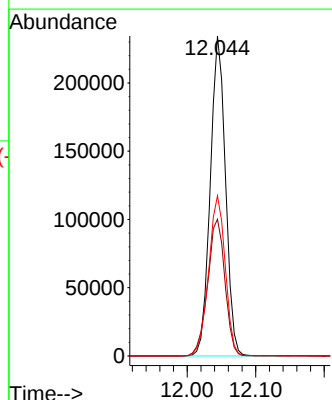
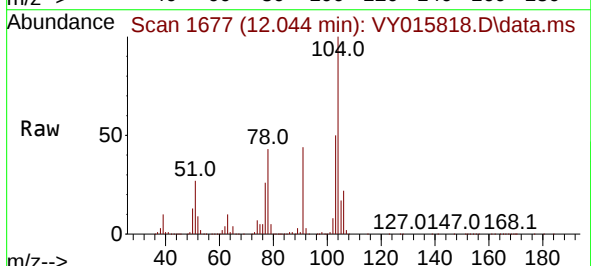
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

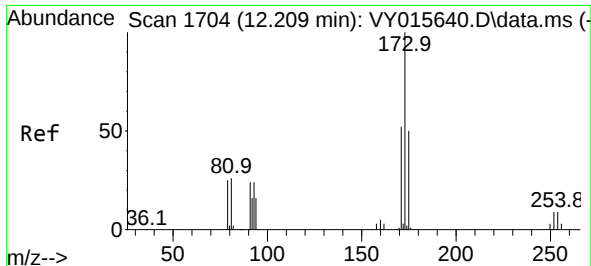
Tgt Ion:106 Resp: 207713
Ion Ratio Lower Upper
106 100
91 211.9 108.1 324.3



#70
Styrene
Concen: 47.591 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion:104 Resp: 362261
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 54.7 44.6 67.0

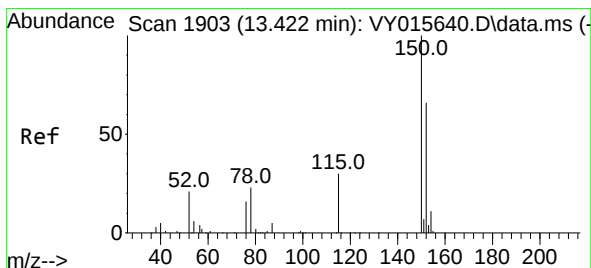
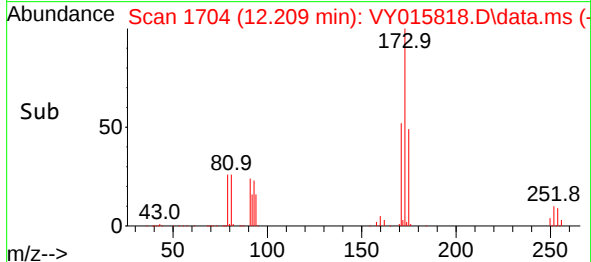
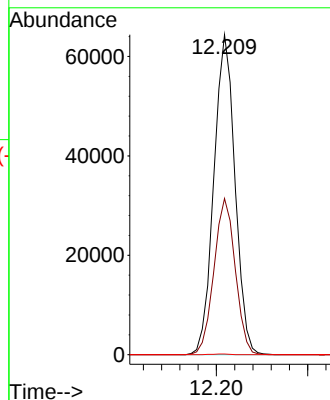
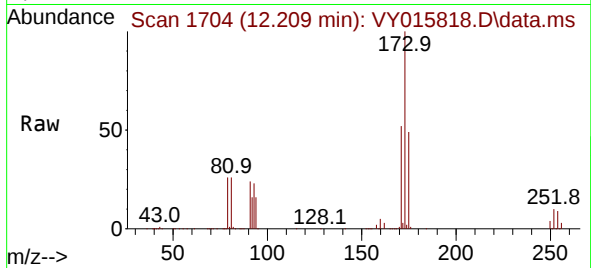




#71
Bromoform
Concen: 53.734 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

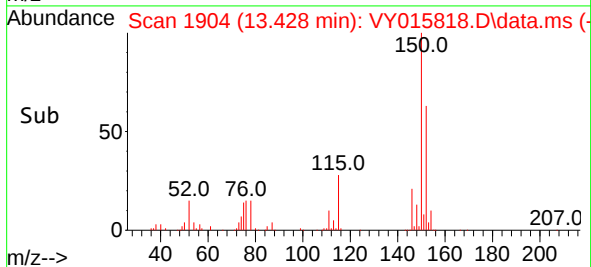
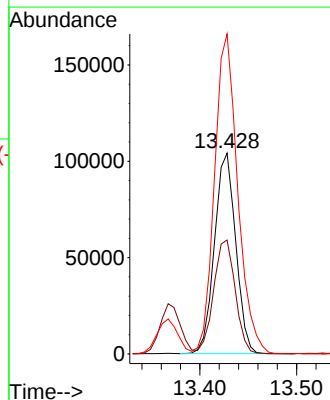
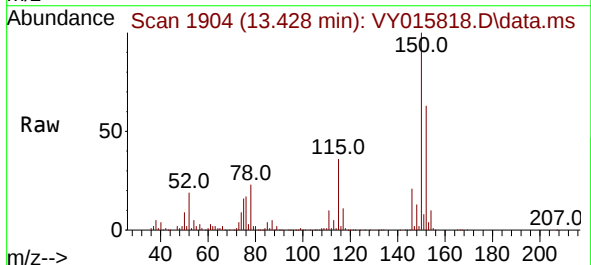
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

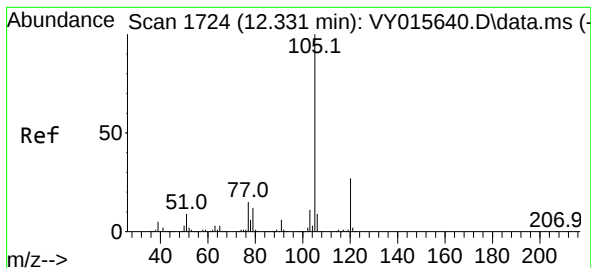
Tgt Ion:173 Resp: 103251
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion:152 Resp: 158675
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 174.1 0.0 348.8





#73

Isopropylbenzene

Concen: 45.906 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

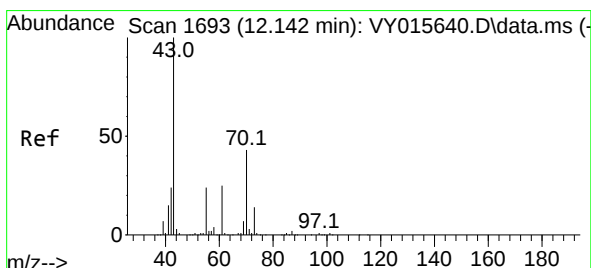
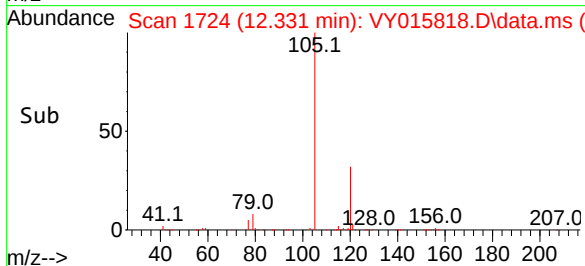
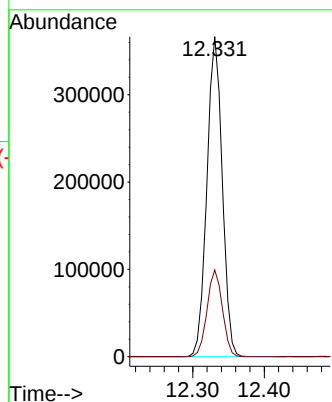
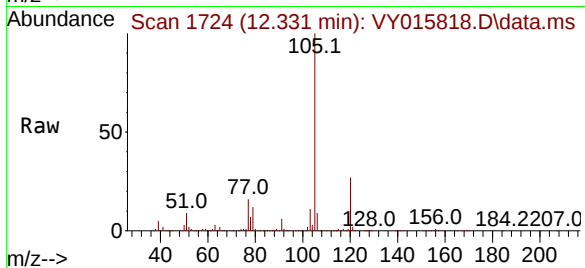
VSTDCCC050EC

Tgt Ion:105 Resp: 546431

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 51.026 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Tgt Ion: 43 Resp: 228283

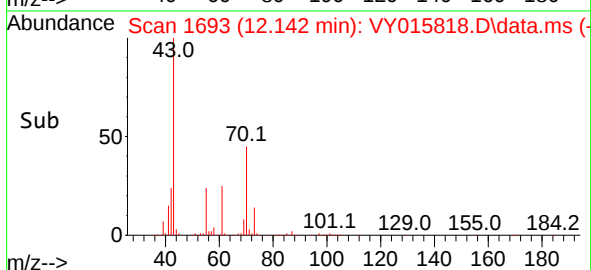
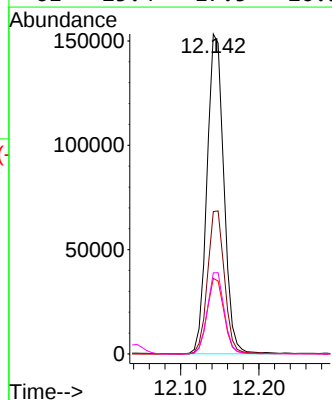
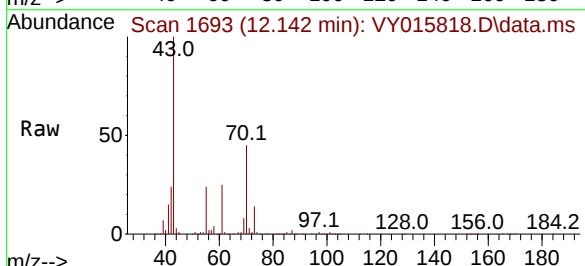
Ion Ratio Lower Upper

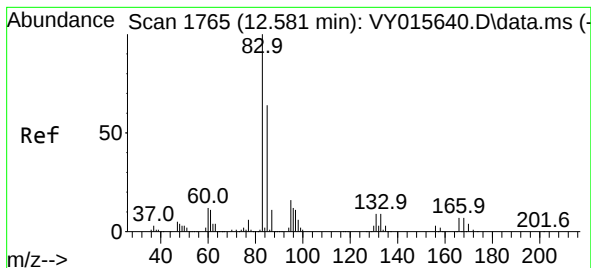
43 100

70 45.3 29.7 44.5#

55 24.0 18.3 27.5

61 25.4 17.5 26.3

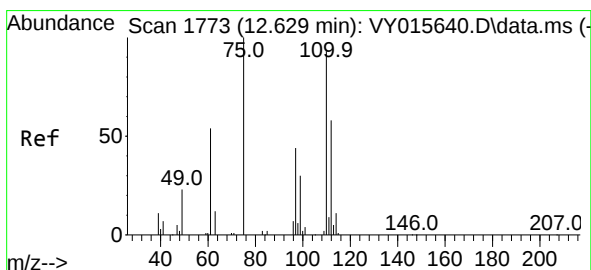
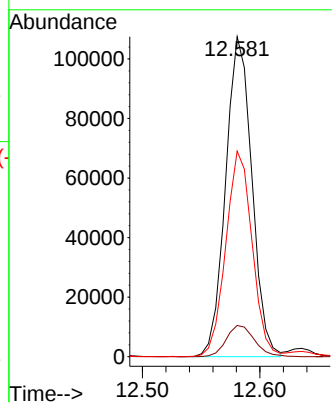
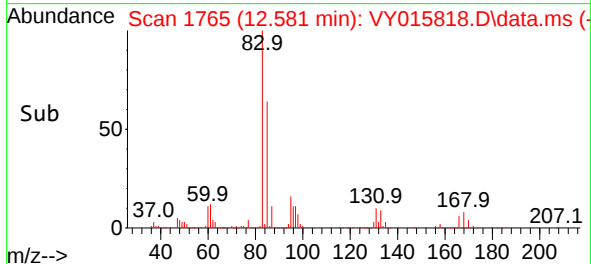
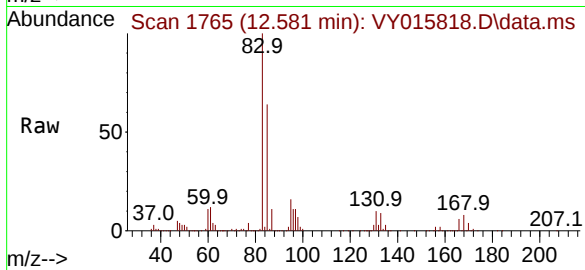




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.567 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY015818.D
 Acq: 03 Oct 2023 20:26

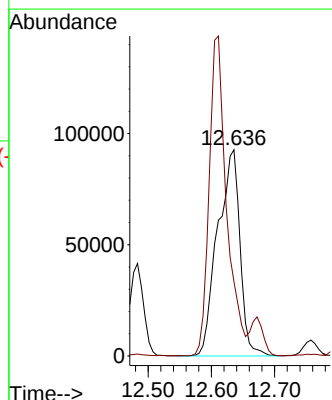
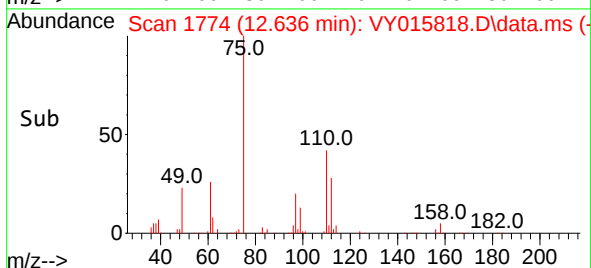
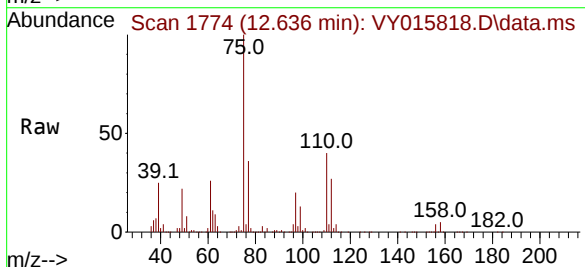
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

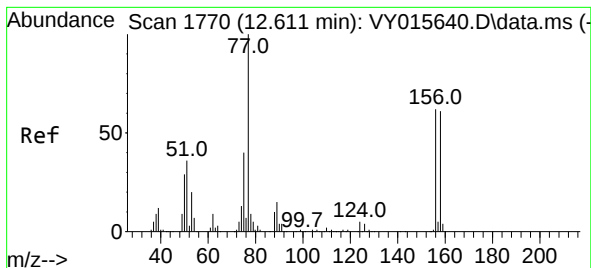
Tgt Ion: 83 Resp: 167518
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.4 16.2
 85 64.6 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 89.782 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.007 min
 Lab File: VY015818.D
 Acq: 03 Oct 2023 20:26

Tgt Ion: 75 Resp: 227274
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.382 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

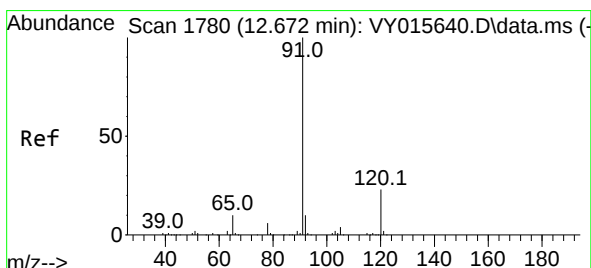
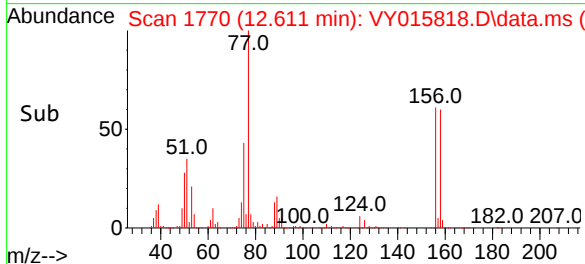
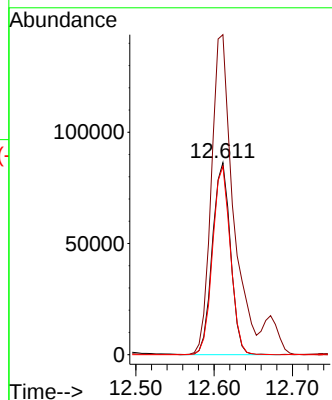
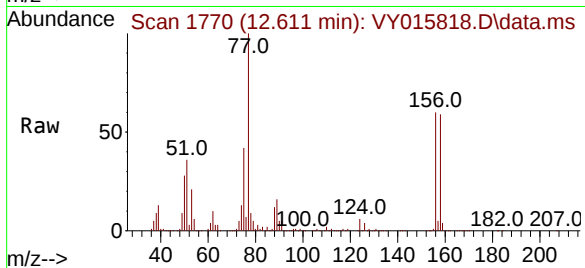
Tgt Ion:156 Resp: 138445

Ion Ratio Lower Upper

156 100

77 199.1 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 44.752 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015818.D

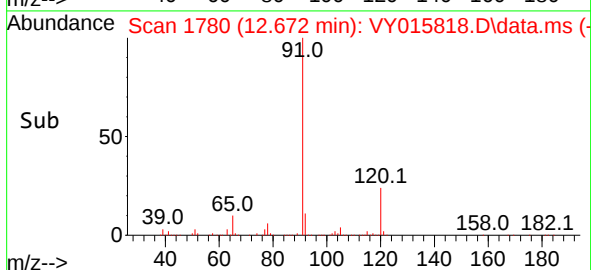
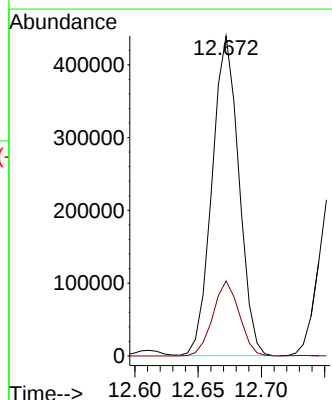
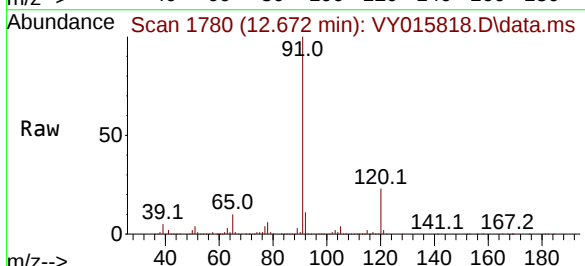
Acq: 03 Oct 2023 20:26

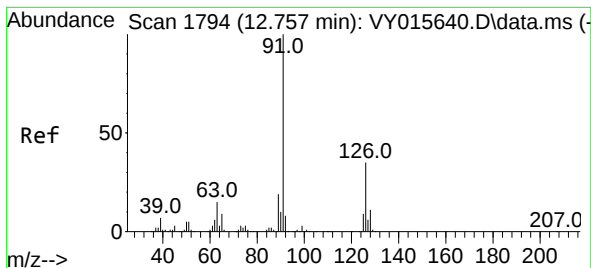
Tgt Ion: 91 Resp: 647161

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 45.981 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

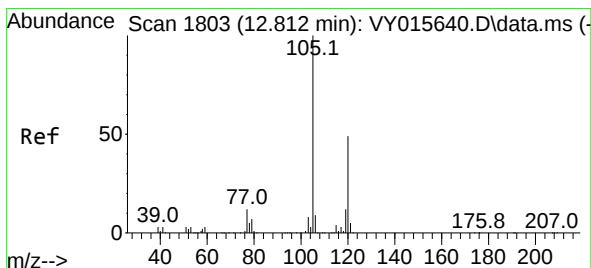
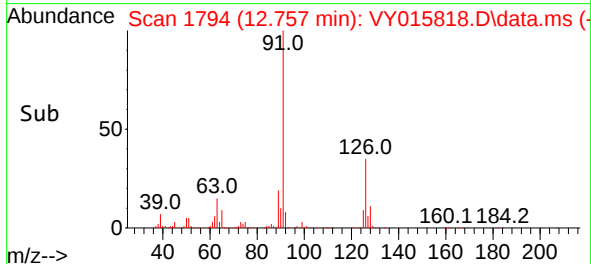
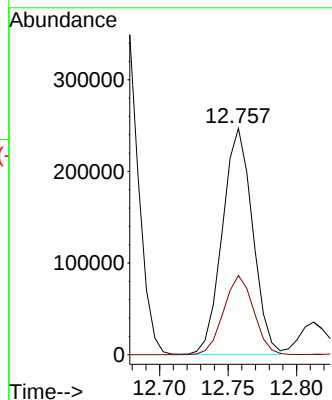
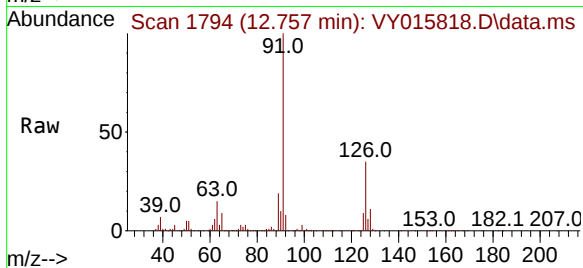
VSTDCCC050EC

Tgt Ion: 91 Resp: 379017

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 45.805 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015818.D

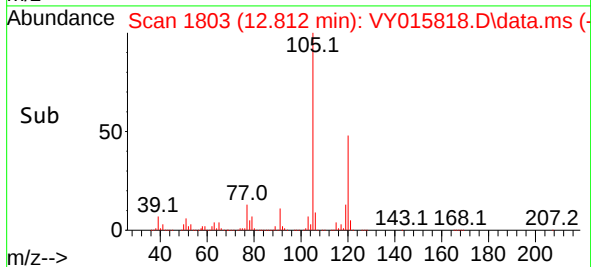
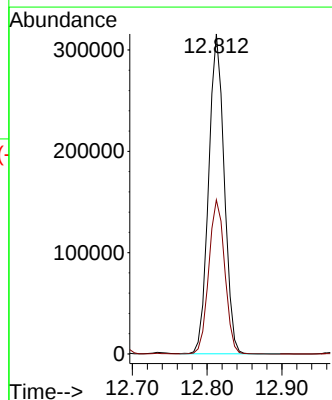
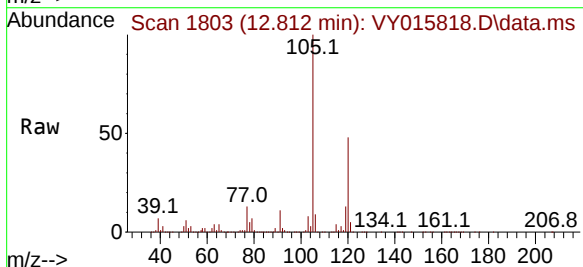
Acq: 03 Oct 2023 20:26

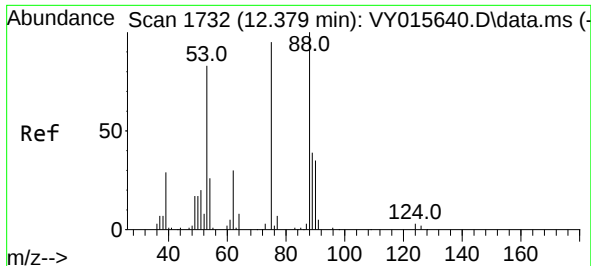
Tgt Ion:105 Resp: 456449

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7

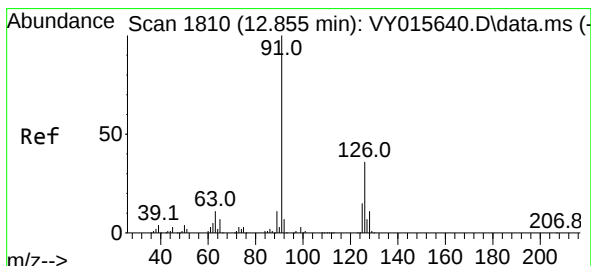
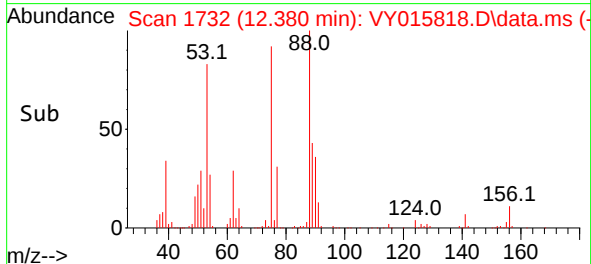
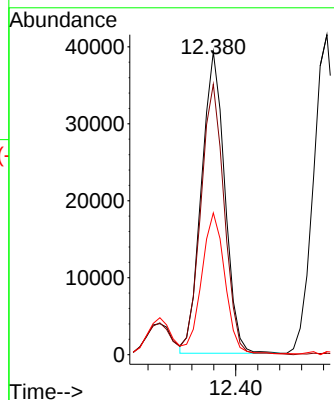
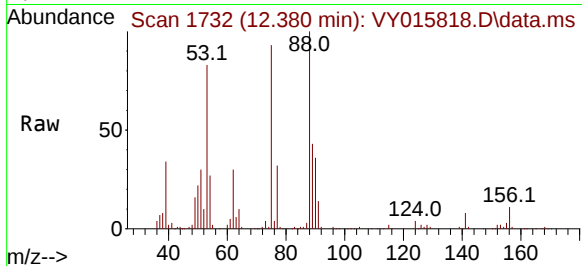




#81
trans-1,4-Dichloro-2-butene
Concen: 51.421 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

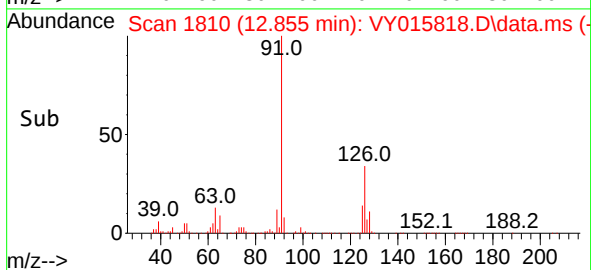
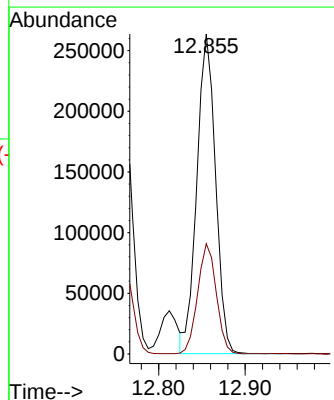
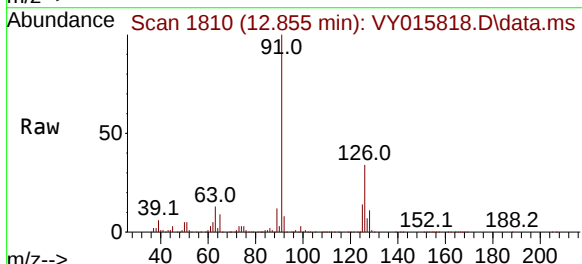
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

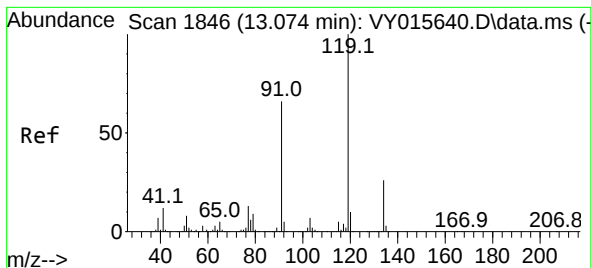
Tgt Ion: 75 Resp: 57803
Ion Ratio Lower Upper
75 100
53 90.7 77.8 116.8
89 46.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 45.843 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 91 Resp: 394487
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6

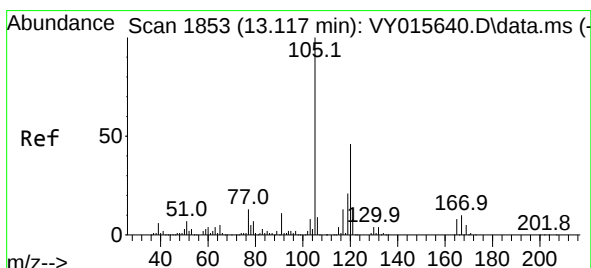
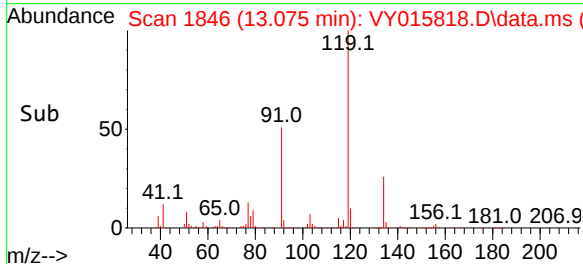
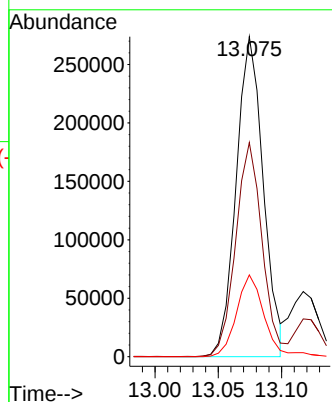
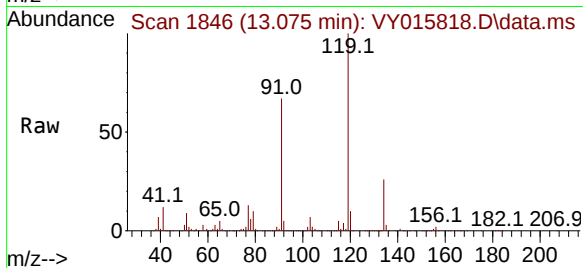




#83
tert-Butylbenzene
Concen: 46.867 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

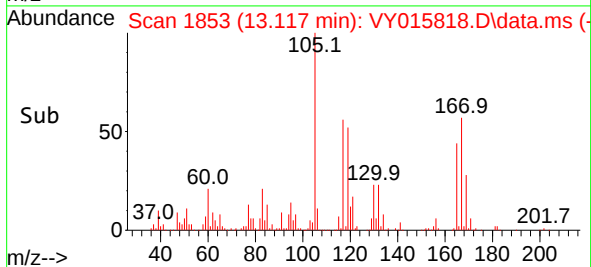
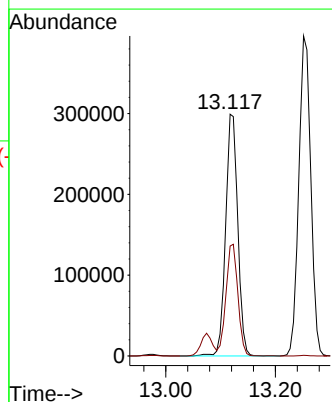
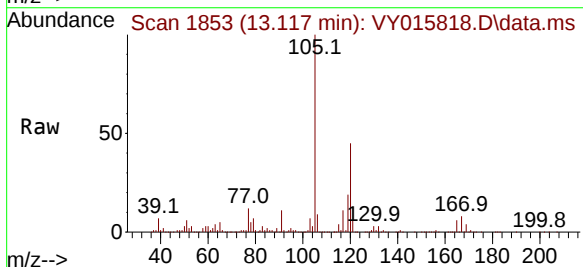
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

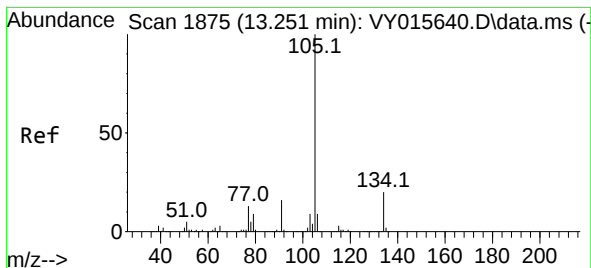
Tgt Ion:119 Resp: 409050
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.6
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 46.281 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion:105 Resp: 461461
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 45.846 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

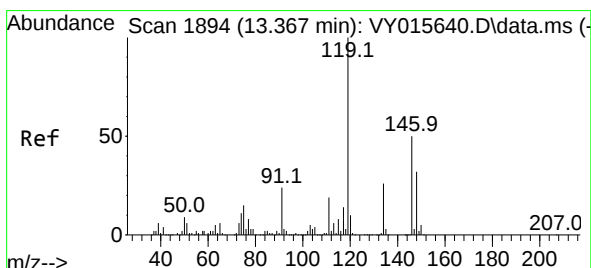
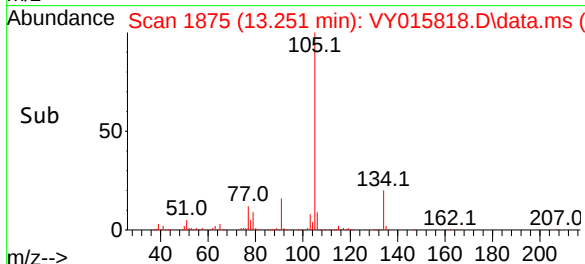
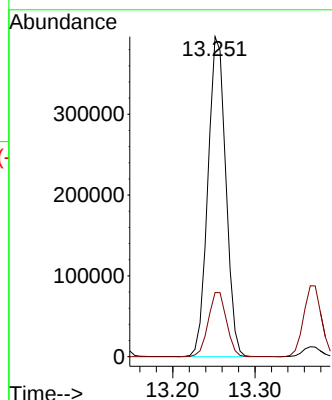
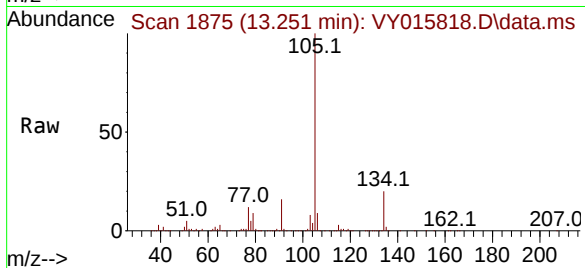
VSTDCCC050EC

Tgt Ion:105 Resp: 598819

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.245 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

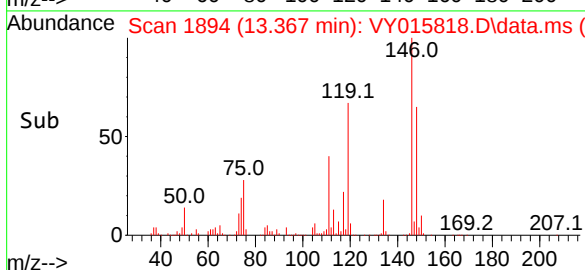
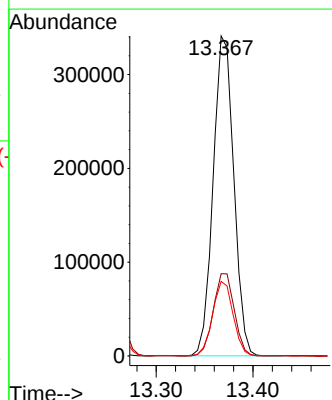
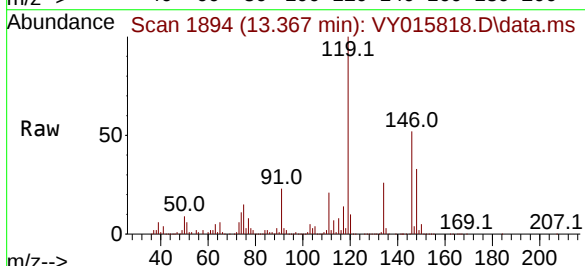
Tgt Ion:119 Resp: 504559

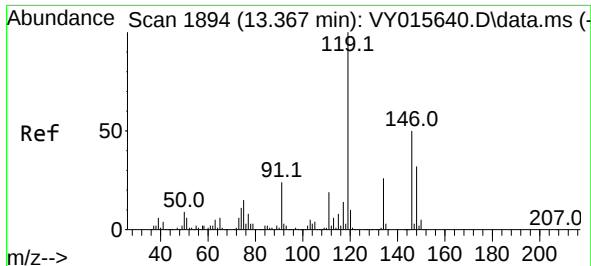
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.1 12.4 37.4

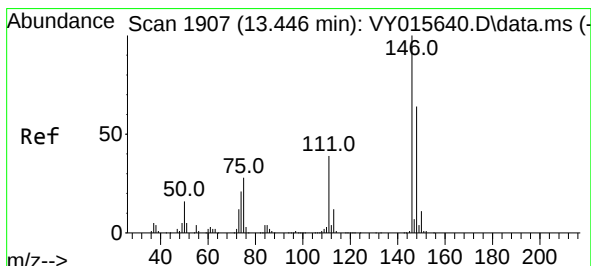
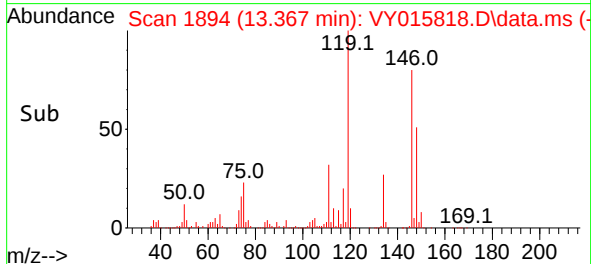
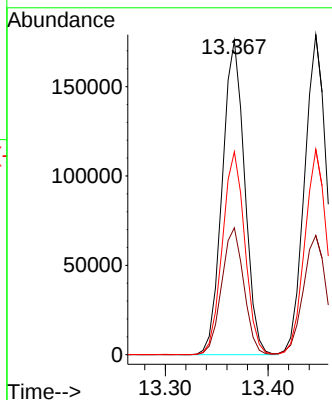
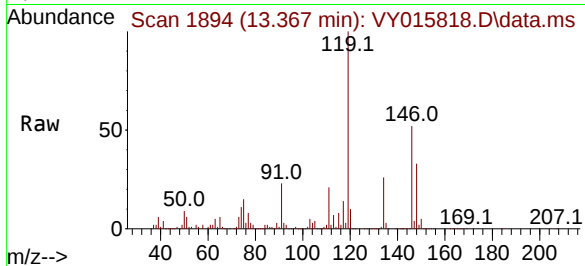




#87
1,3-Dichlorobenzene
Concen: 45.794 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. 0.006 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

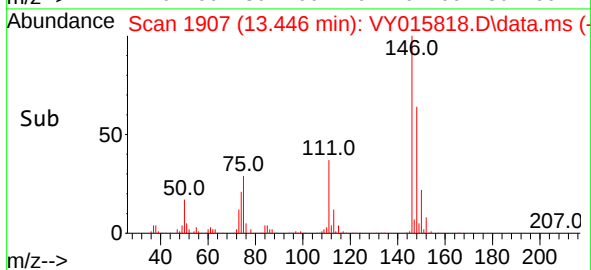
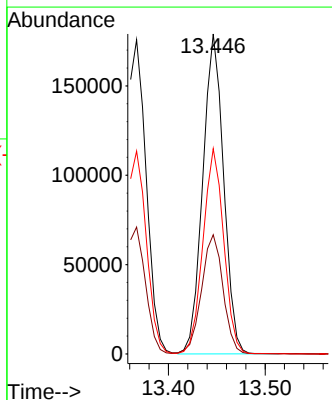
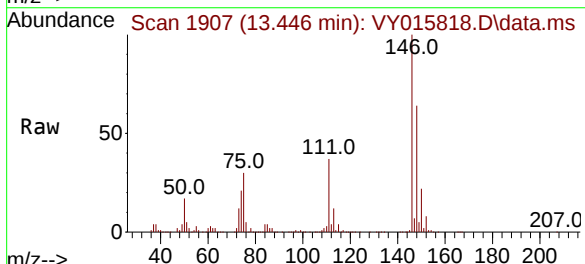
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

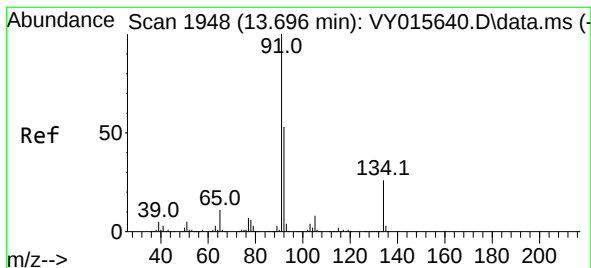
Tgt Ion:146 Resp: 265449
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.2
148 64.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 46.368 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion:146 Resp: 268816
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 44.428 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

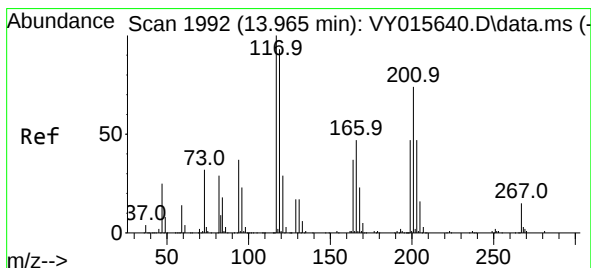
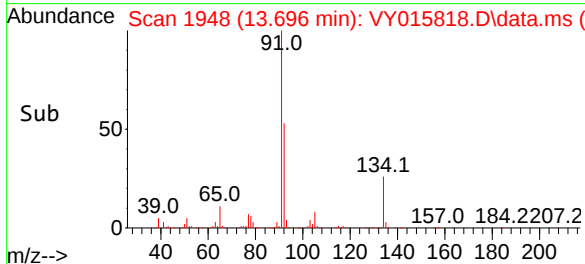
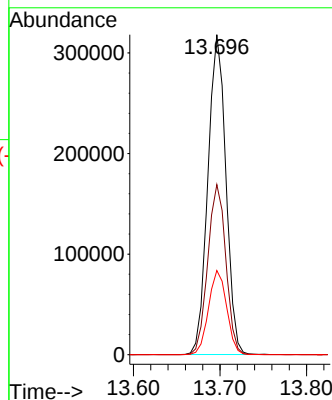
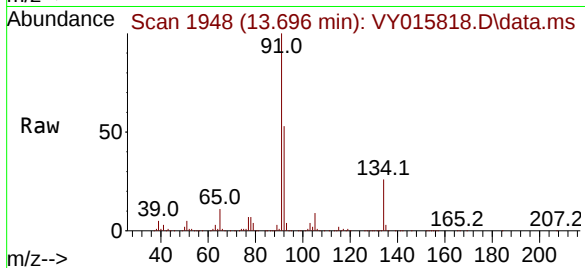
Tgt Ion: 91 Resp: 459007

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 46.263 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY015818.D

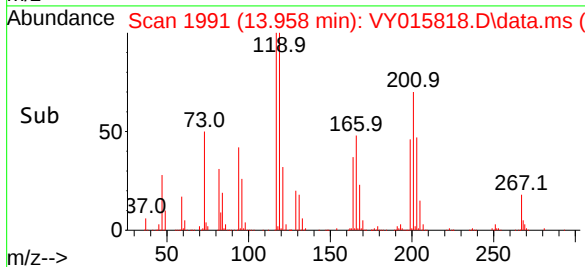
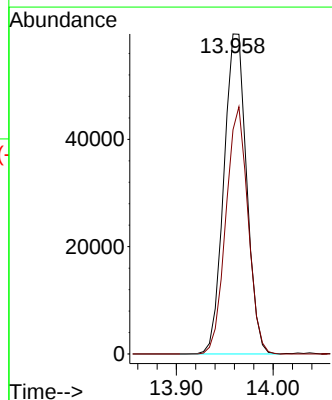
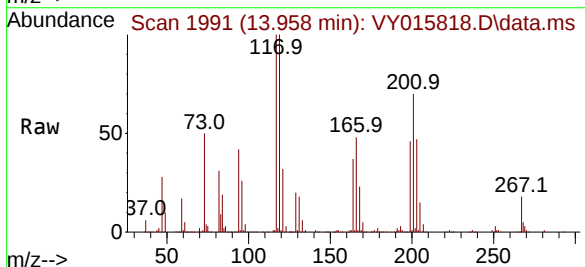
Acq: 03 Oct 2023 20:26

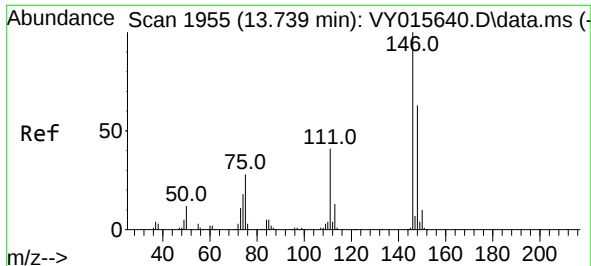
Tgt Ion: 117 Resp: 97416

Ion Ratio Lower Upper

117 100

201 75.0 41.6 124.8

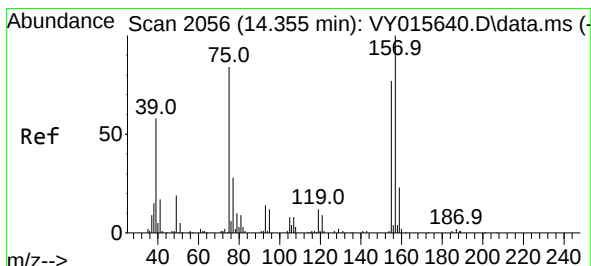
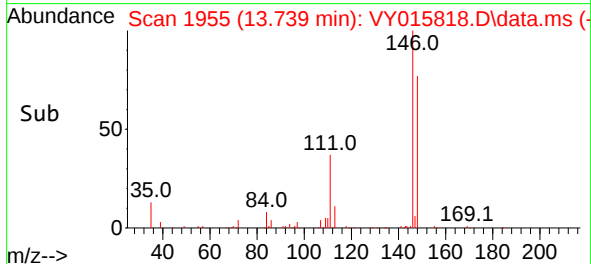
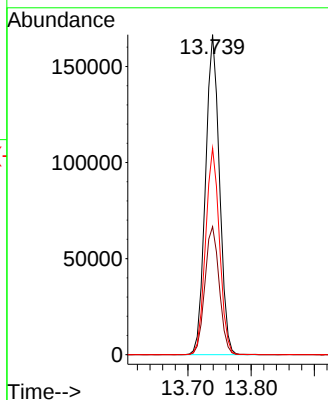
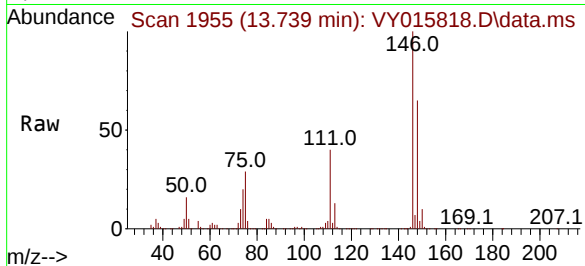




#91
1,2-Dichlorobenzene
Concen: 47.805 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

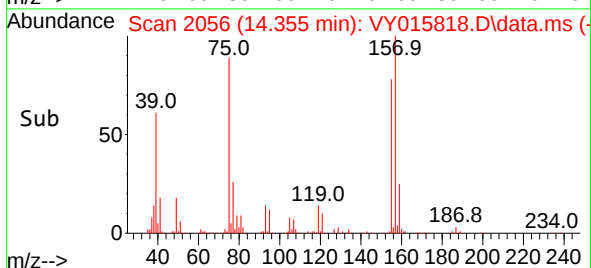
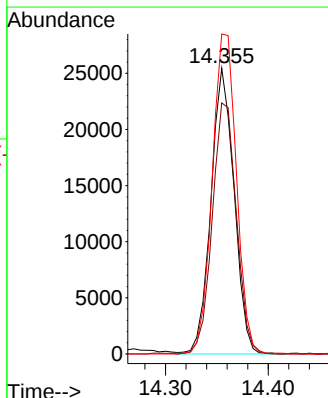
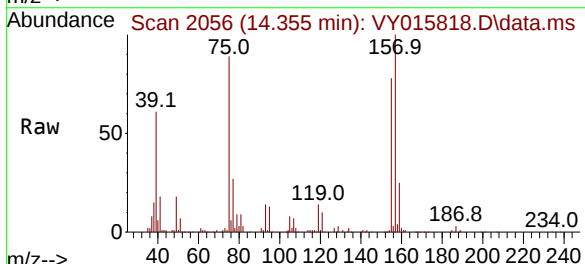
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

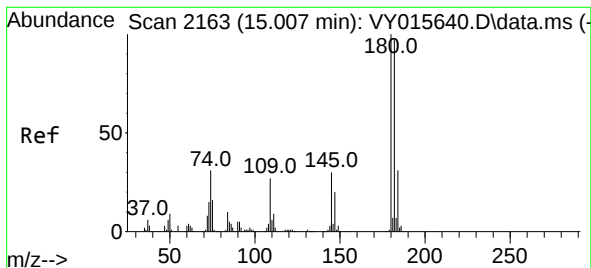
Tgt Ion:146 Resp: 255802
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.307 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion: 75 Resp: 39679
Ion Ratio Lower Upper
75 100
155 91.5 41.5 124.6
157 117.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.356 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

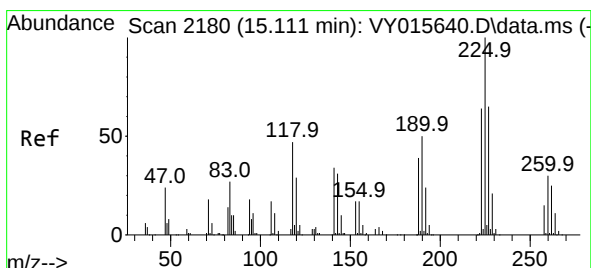
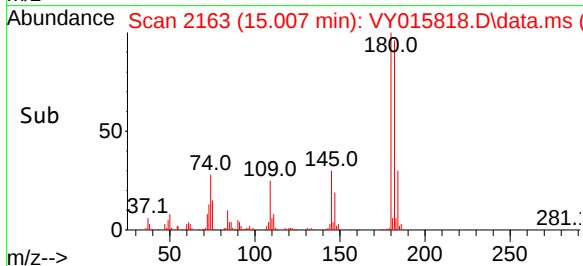
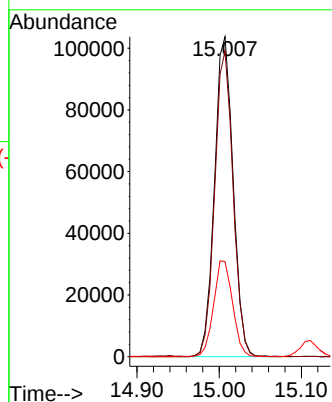
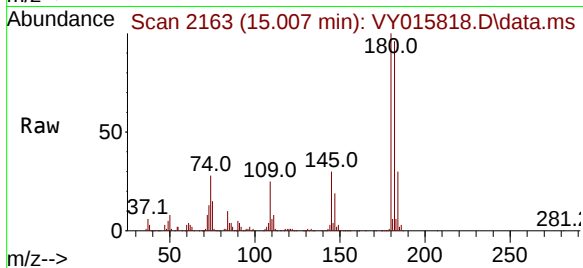
Tgt Ion:180 Resp: 162896

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.498 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015818.D

Acq: 03 Oct 2023 20:26

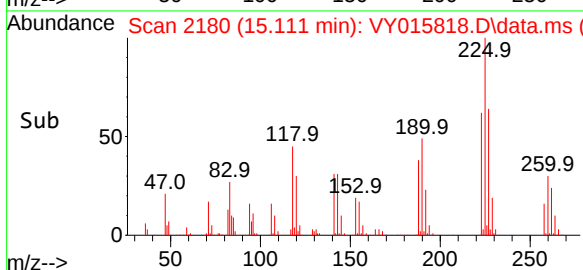
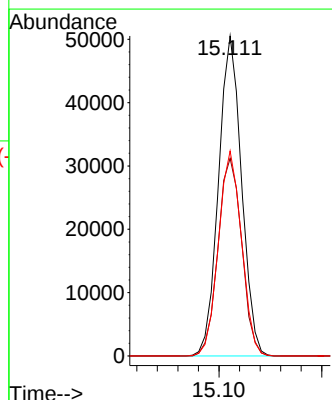
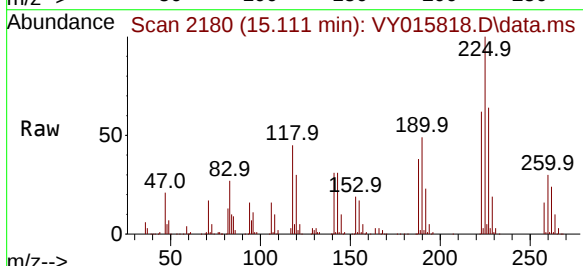
Tgt Ion:225 Resp: 78490

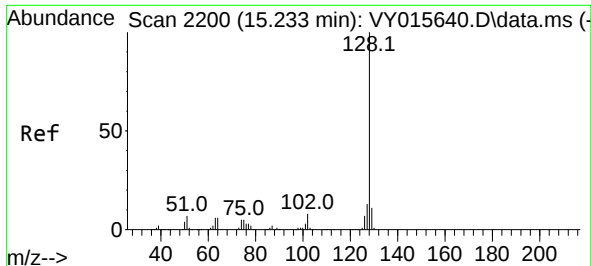
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 64.2 33.0 98.9

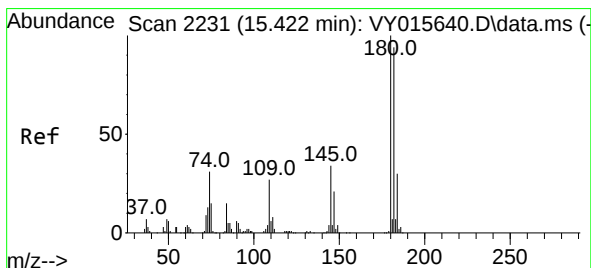
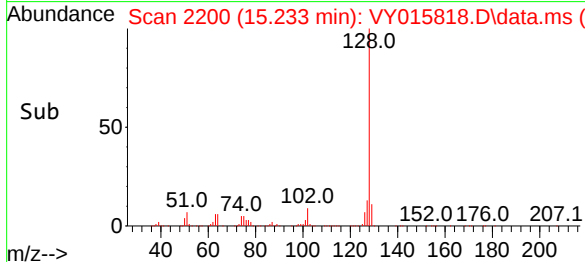
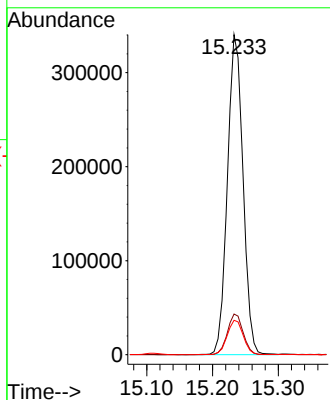
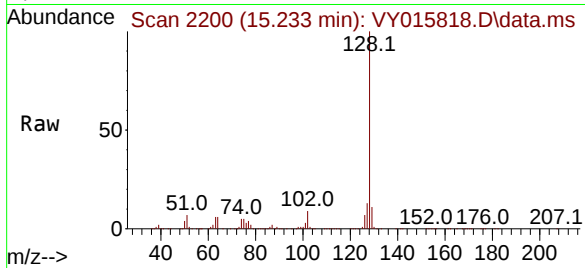




#95
Naphthalene
Concen: 63.956 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 561790
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.561 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY015818.D
Acq: 03 Oct 2023 20:26

Tgt Ion:180 Resp: 154097
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 32.5 15.4 46.2

