

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016139.D
 Acq On : 30 Oct 2023 18:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 31 11:53:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	191334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	267549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	126048	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85358	44.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.720%
35) Dibromofluoromethane	7.728	113	87366	45.365	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.720%
50) Toluene-d8	10.185	98	338999	47.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.489	95	113030	46.191	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	58217	44.088	ug/l	97
3) Chloromethane	2.113	50	88694	54.814	ug/l	96
4) Vinyl Chloride	2.253	62	84536	45.732	ug/l	97
5) Bromomethane	2.656	94	47392	34.493	ug/l	97
6) Chloroethane	2.796	64	59305	46.838	ug/l	100
7) Trichlorofluoromethane	3.131	101	124798	42.188	ug/l	99
8) Diethyl Ether	3.534	74	40103	40.448	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.905	101	76199	42.700	ug/l	97
10) Methyl Iodide	4.094	142	81769	35.861	ug/l	98
11) Tert butyl alcohol	4.960	59	27593	115.232	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	69231	42.344	ug/l	89
13) Acrolein	3.735	56	24988	105.451	ug/l	99
14) Allyl chloride	4.491	41	99433	38.905	ug/l #	93
15) Acrylonitrile	5.173	53	80889	166.304	ug/l	98
16) Acetone	3.954	43	66095	128.171	ug/l	98
17) Carbon Disulfide	4.204	76	182545	40.363	ug/l	99
18) Methyl Acetate	4.485	43	61944	33.975	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	197685	42.398	ug/l	98
20) Methylene Chloride	4.722	84	93324	46.019	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	82609	43.588	ug/l	95
22) Diisopropyl ether	6.131	45	245980	44.015	ug/l	89
23) Vinyl Acetate	6.070	43	588665	196.595	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	145382	43.179	ug/l	97
25) 2-Butanone	6.996	43	103722	149.028	ug/l	96
26) 2,2-Dichloropropane	6.990	77	135861	43.407	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	97032	43.596	ug/l	94
28) Bromochloromethane	7.344	49	48357	35.107	ug/l	88
29) Tetrahydrofuran	7.356	42	67586	169.248	ug/l	89
30) Chloroform	7.515	83	159997	44.984	ug/l	95
31) Cyclohexane	7.795	56	119406	39.893	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	145673	45.661	ug/l	98
36) 1,1-Dichloropropene	7.923	75	118281	44.061	ug/l	99
37) Ethyl Acetate	7.082	43	49723	36.137	ug/l	96
38) Carbon Tetrachloride	7.911	117	115307	40.618	ug/l	100
39) Methylcyclohexane	9.191	83	143032	43.736	ug/l	90
40) Benzene	8.167	78	345933	45.515	ug/l	99

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 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23444	32.556	ug/l	92
42) 1,2-Dichloroethane	8.246	62	96453	43.919	ug/l	95
43) Isopropyl Acetate	8.283	43	98665	38.351	ug/l #	92
44) Trichloroethene	8.947	130	98754	46.532	ug/l	98
45) 1,2-Dichloropropane	9.222	63	84285	43.816	ug/l	99
46) Dibromomethane	9.313	93	46800	41.493	ug/l	97
47) Bromodichloromethane	9.502	83	121860	44.674	ug/l	97
48) Methyl methacrylate	9.301	41	46679	39.383	ug/l	91
49) 1,4-Dioxane	9.307	88	10673	756.331	ug/l #	68
51) 4-Methyl-2-Pentanone	10.075	43	251990	185.625	ug/l	92
52) Toluene	10.252	92	225820	46.269	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	119354	42.789	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	138700	43.969	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	64928	40.516	ug/l	93
56) Ethyl methacrylate	10.514	69	84142	40.855	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	109483	40.869	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	205869	200.790	ug/l	92
59) 2-Hexanone	10.837	43	174176	174.177	ug/l	90
60) Dibromochloromethane	10.990	129	83338	42.467	ug/l	100
61) 1,2-Dibromoethane	11.093	107	61549	40.109	ug/l	99
64) Tetrachloroethene	10.727	164	100695	56.873	ug/l	97
65) Chlorobenzene	11.520	112	242906	46.199	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	91388	46.543	ug/l	99
67) Ethyl Benzene	11.599	91	437674	46.866	ug/l	98
68) m/p-Xylenes	11.709	106	341416	94.469	ug/l	94
69) o-Xylene	12.038	106	163522	47.262	ug/l	96
70) Styrene	12.050	104	272683	47.280	ug/l	97
71) Bromoform	12.215	173	48335	40.412	ug/l #	100
73) Isopropylbenzene	12.337	105	434931	49.030	ug/l	100
74) N-amyl acetate	12.148	43	90548	41.862	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	68982	38.041	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	90293	70.163	ug/l #	100
77) Bromobenzene	12.617	156	98270	47.467	ug/l	93
78) n-propylbenzene	12.678	91	515936	48.035	ug/l	100
79) 2-Chlorotoluene	12.764	91	283850	47.187	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	353184	47.954	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	22955	38.763	ug/l	95
82) 4-Chlorotoluene	12.861	91	295628	47.388	ug/l	99
83) tert-Butylbenzene	13.081	119	316229	48.304	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	346182	47.592	ug/l	98
85) sec-Butylbenzene	13.257	105	462395	47.422	ug/l	100
86) p-Isopropyltoluene	13.373	119	383460	47.130	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	191782	45.876	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	190125	46.018	ug/l	99
89) n-Butylbenzene	13.702	91	353740	46.608	ug/l	96
90) Hexachloroethane	13.965	117	65466	41.329	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	166745	45.050	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11180	39.272	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	103466	45.185	ug/l	98
94) Hexachlorobutadiene	15.117	225	57524	43.283	ug/l	98
95) Naphthalene	15.239	128	194449	43.542	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	87265	44.191	ug/l	99

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QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration

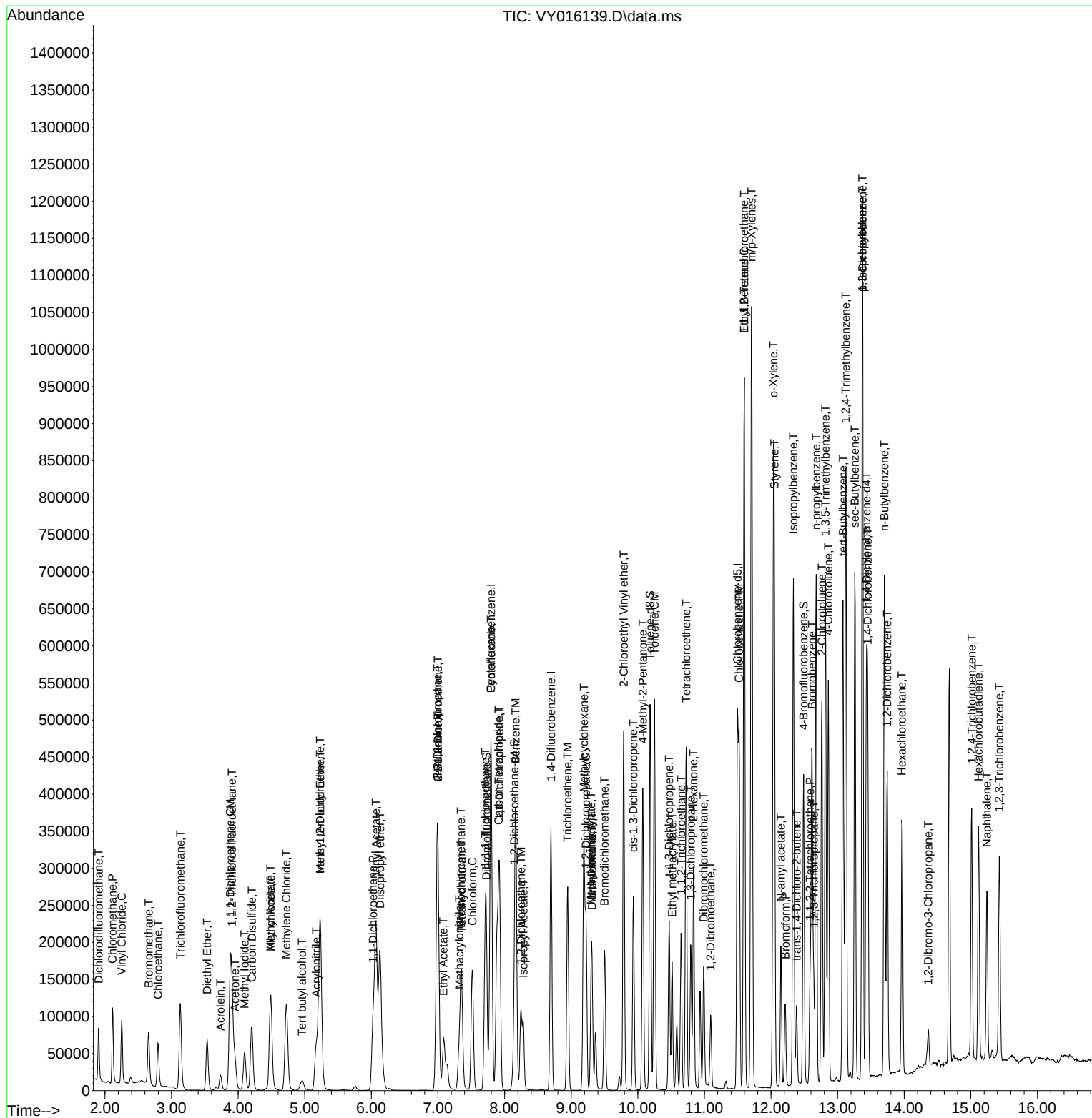
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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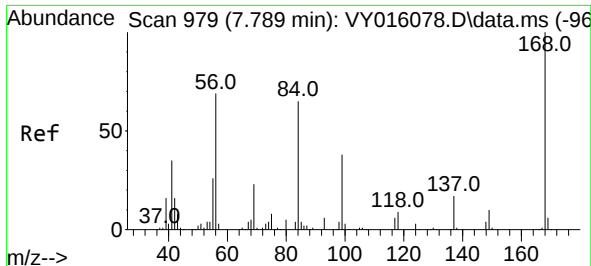
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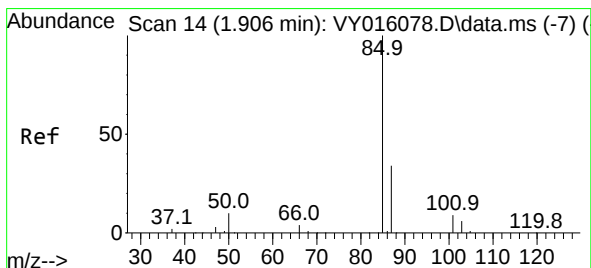
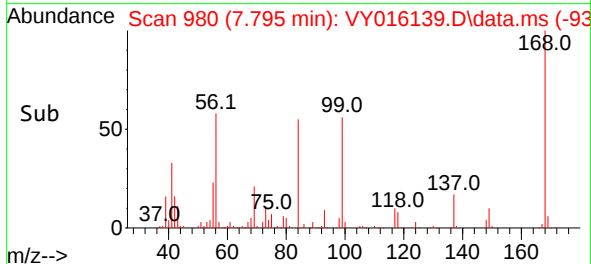
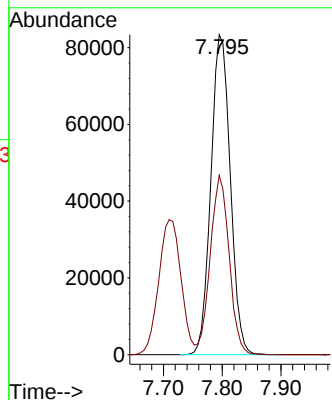
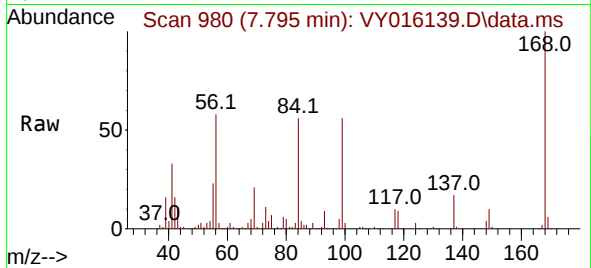




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016139.D
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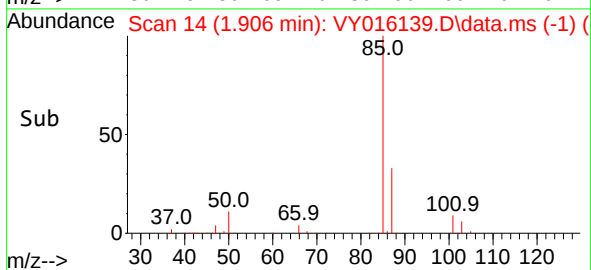
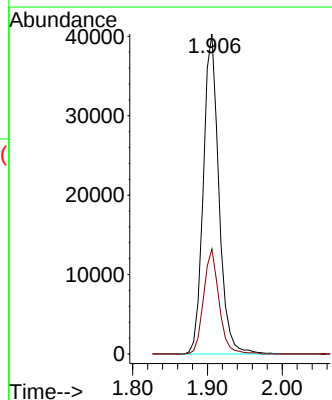
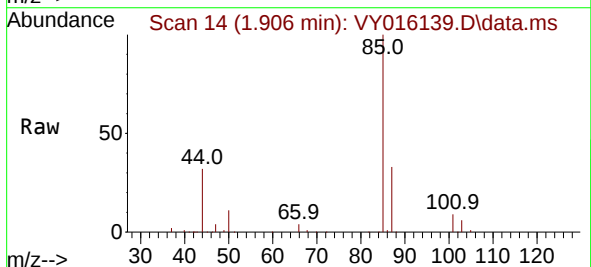
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

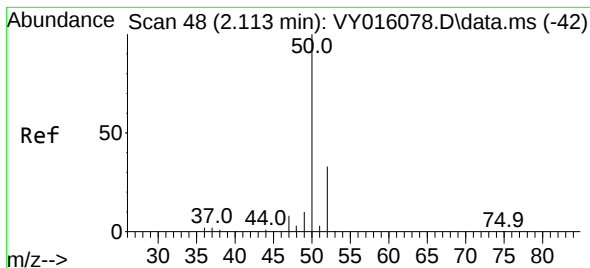
Tgt Ion:168 Resp: 191334
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.088 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 85 Resp: 58217
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8





#3

Chloromethane

Concen: 54.814 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

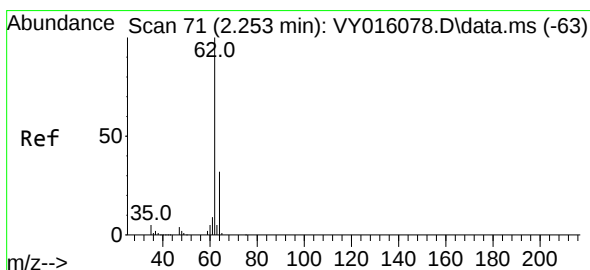
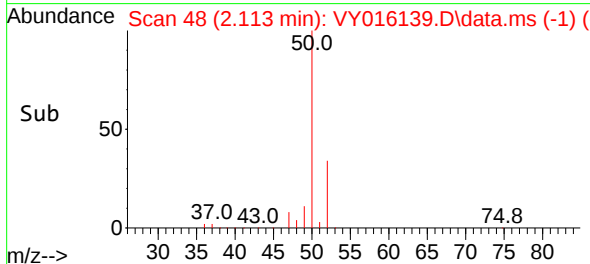
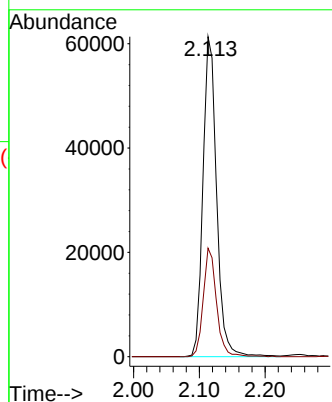
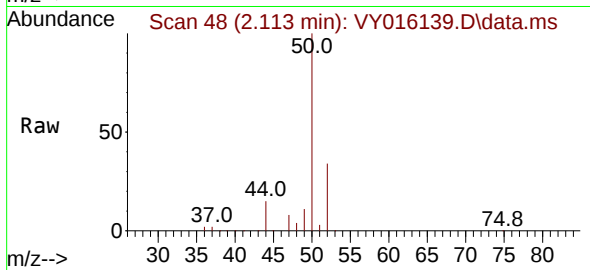
VSTDCCC050EC

Tgt Ion: 50 Resp: 88694

Ion Ratio Lower Upper

50 100

52 33.9 25.4 38.2



#4

Vinyl Chloride

Concen: 45.732 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.000 min

Lab File: VY016139.D

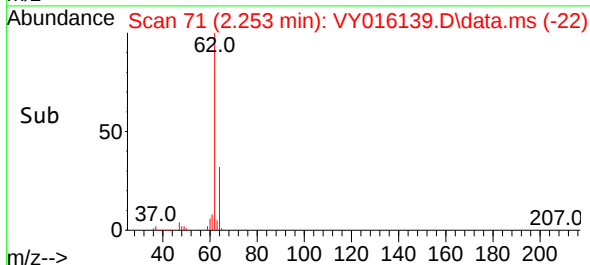
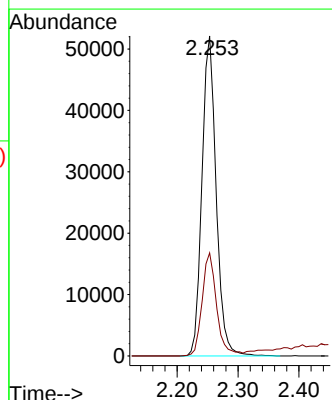
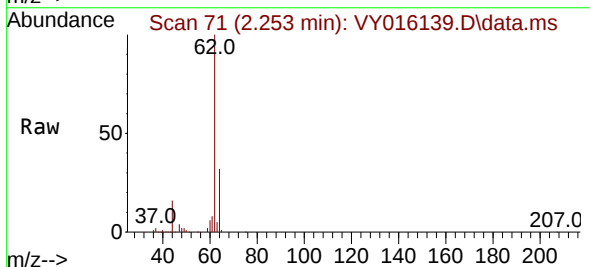
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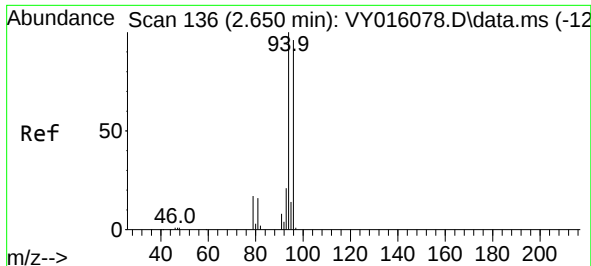
Tgt Ion: 62 Resp: 84536

Ion Ratio Lower Upper

62 100

64 32.2 24.3 36.5

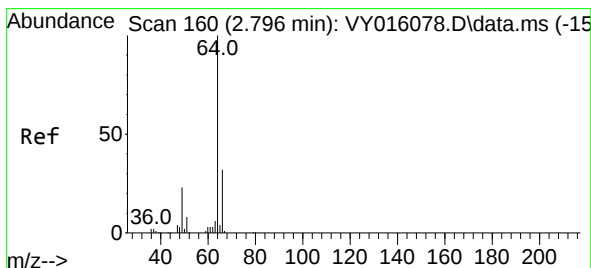
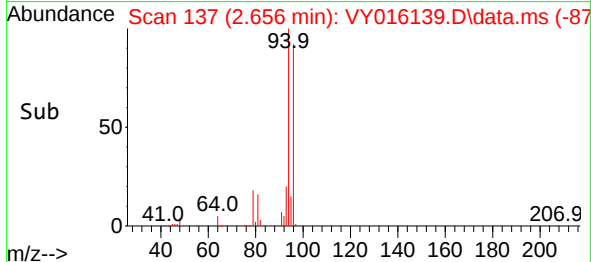
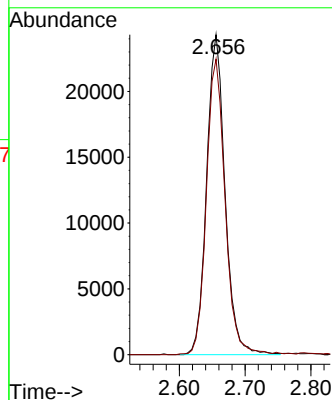
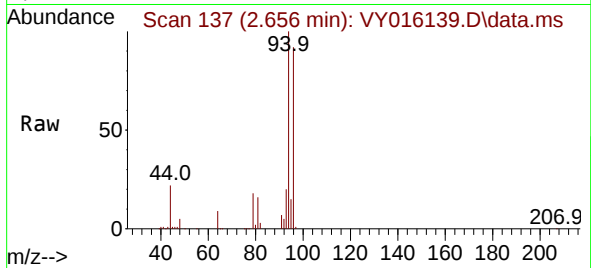




#5
Bromomethane
Concen: 34.493 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016139.D
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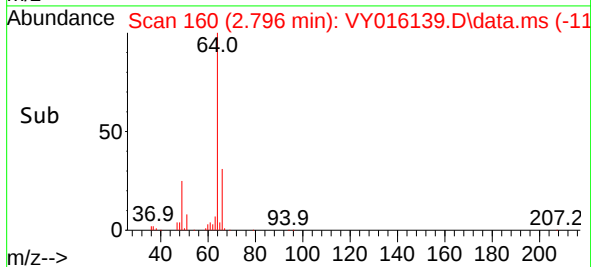
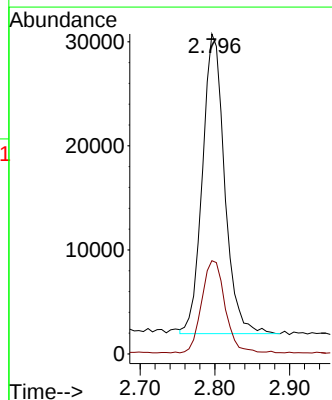
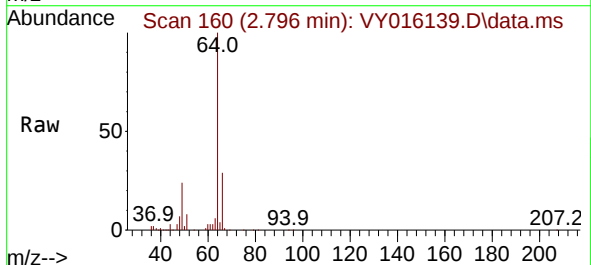
Instrument :
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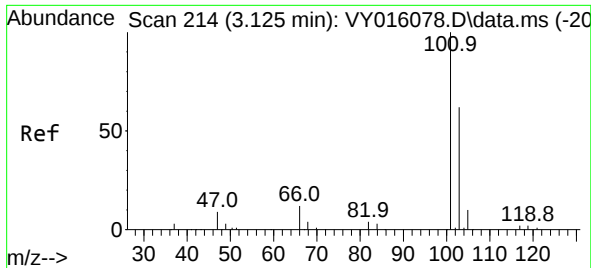
Tgt Ion: 94 Resp: 47392
Ion Ratio Lower Upper
94 100
96 92.1 75.8 113.6



#6
Chloroethane
Concen: 46.838 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 64 Resp: 59305
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6

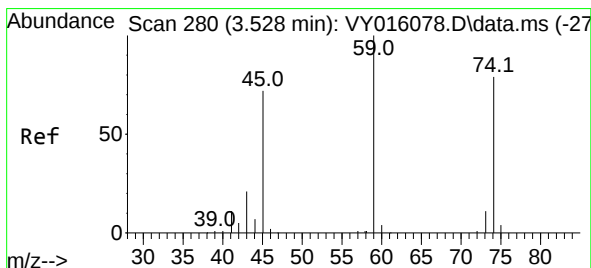
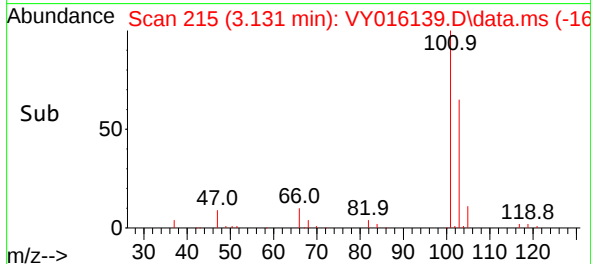
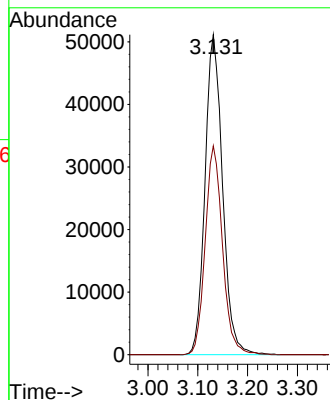
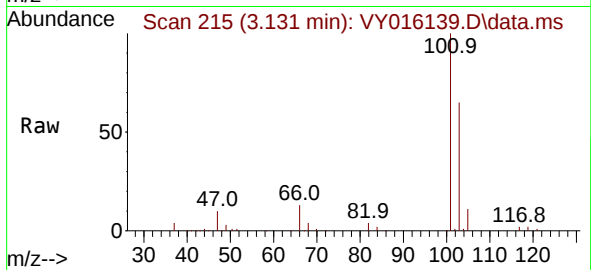




#7
Trichlorofluoromethane
Concen: 42.188 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

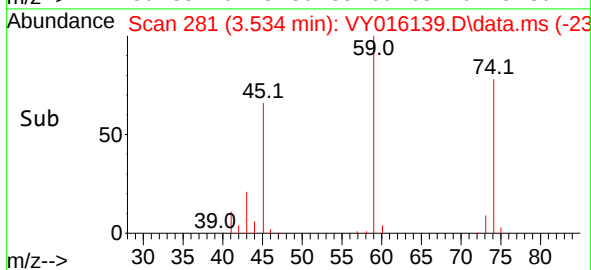
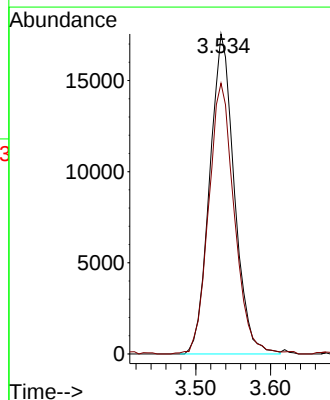
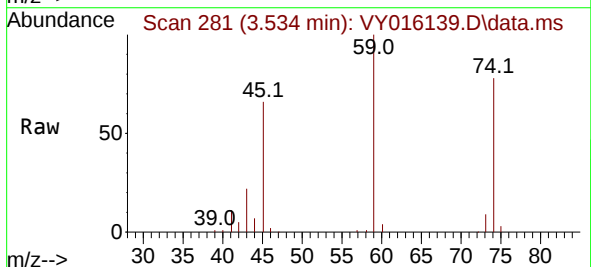
Instrument :
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VSTDCCC050EC

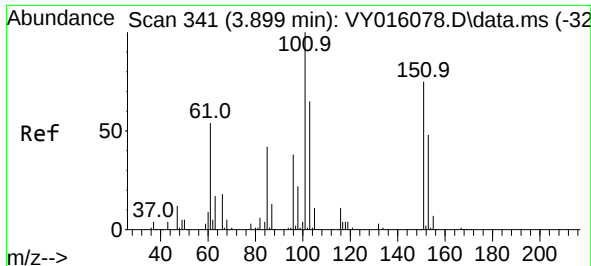
Tgt Ion:101 Resp: 124798
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0



#8
Diethyl Ether
Concen: 40.448 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 74 Resp: 40103
Ion Ratio Lower Upper
74 100
45 88.5 51.5 154.5

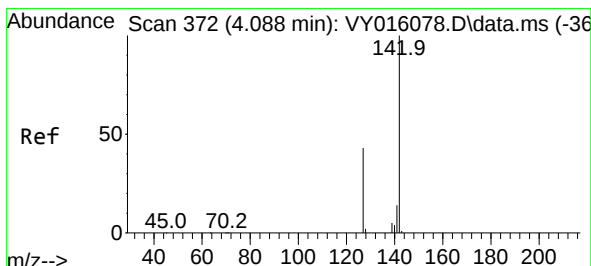
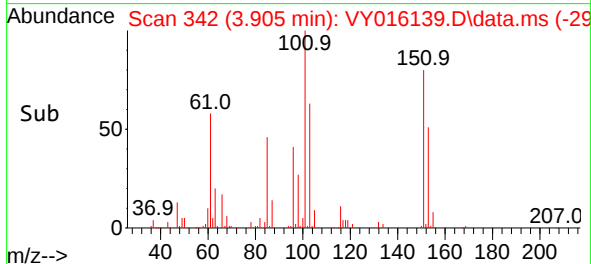
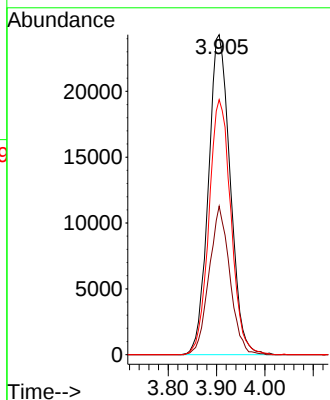
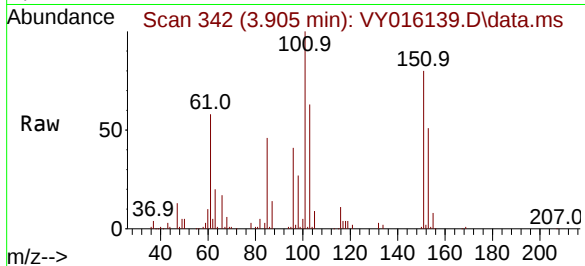




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.700 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

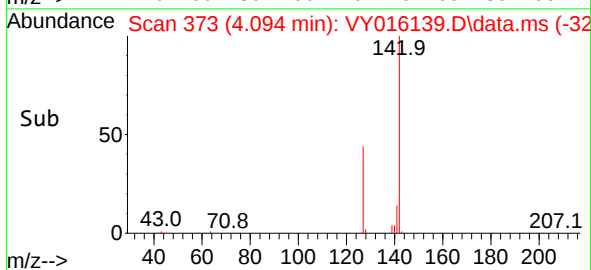
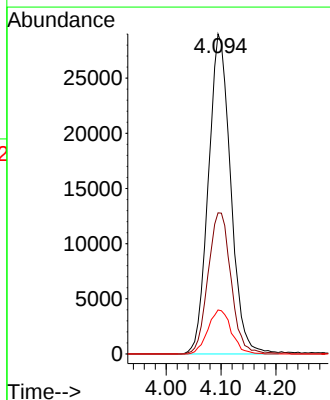
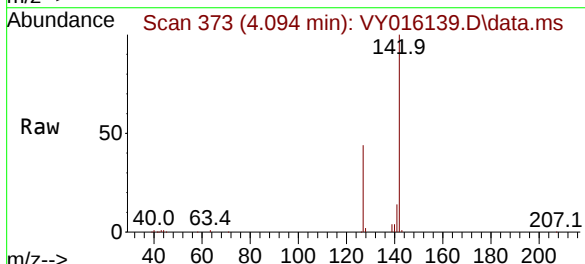
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

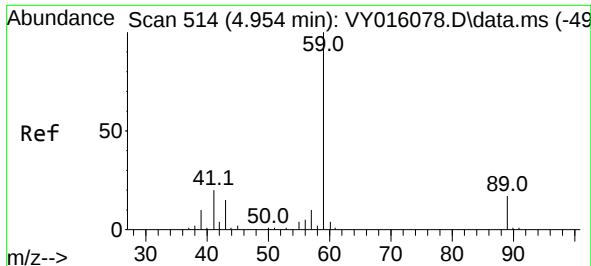
Tgt Ion:101 Resp: 76199
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 80.2 67.0 100.6



#10
Methyl Iodide
Concen: 35.861 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion:142 Resp: 81769
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.5 11.8 17.8

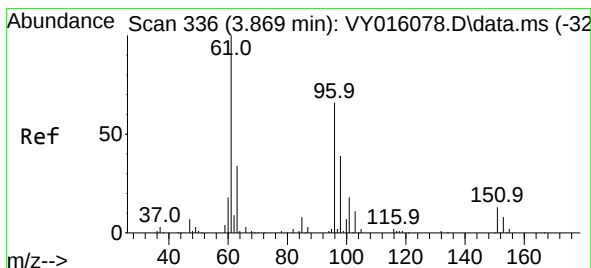
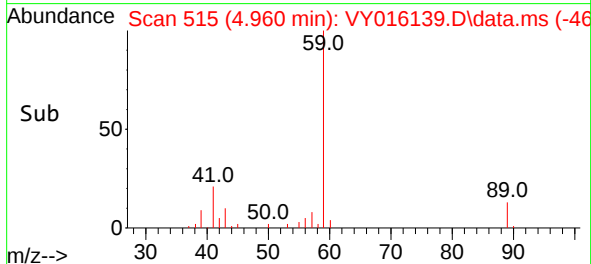
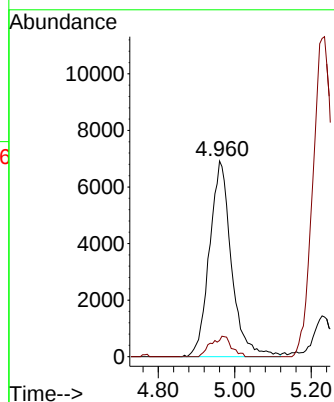
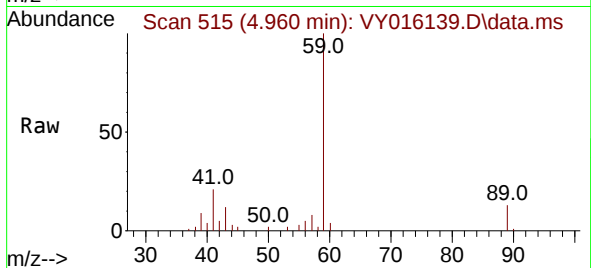




#11
Tert butyl alcohol
Concen: 115.232 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

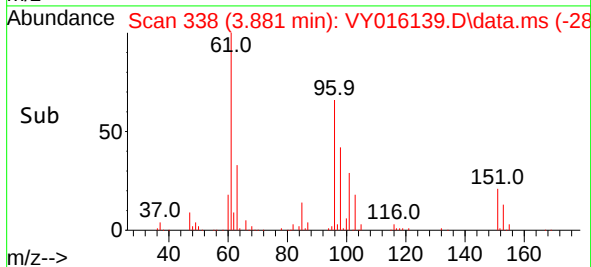
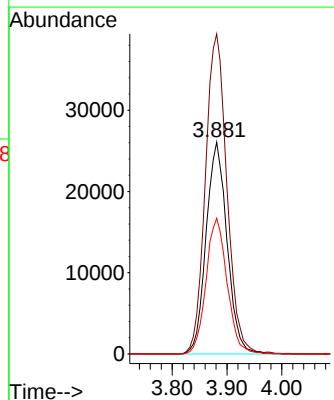
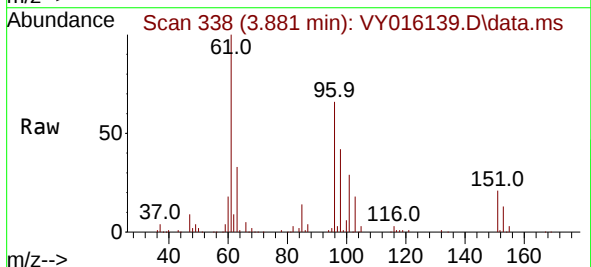
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

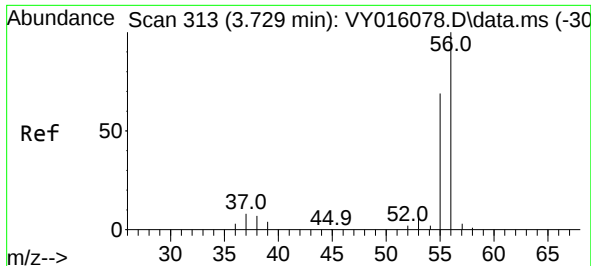
Tgt Ion: 59 Resp: 27593
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 42.344 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 96 Resp: 69231
Ion Ratio Lower Upper
96 100
61 151.1 136.4 204.6
98 64.1 49.4 74.2

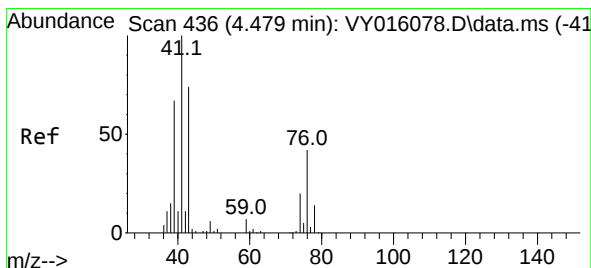
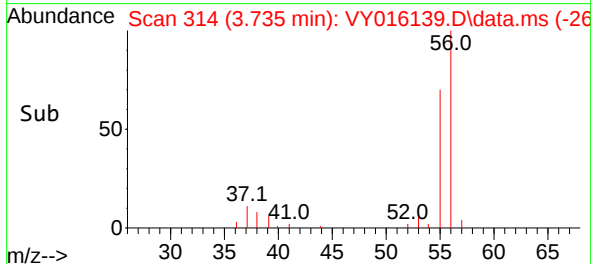
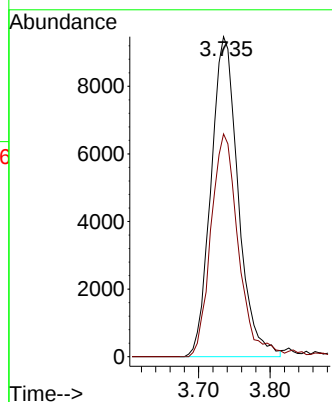
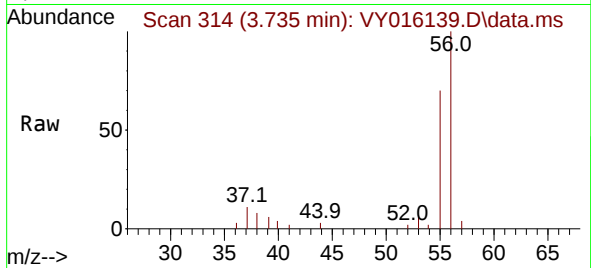




#13
Acrolein
Concen: 105.451 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

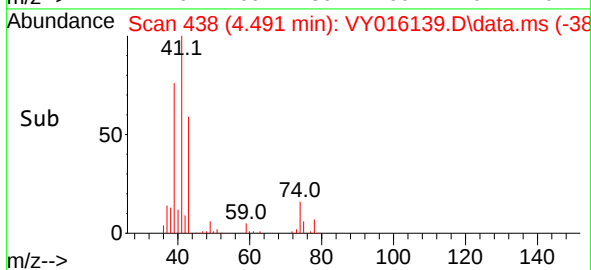
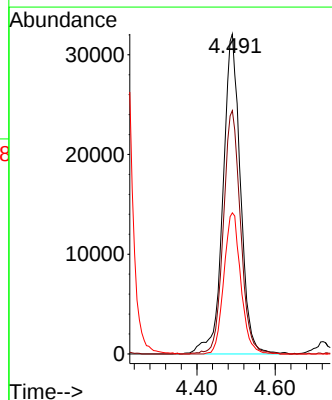
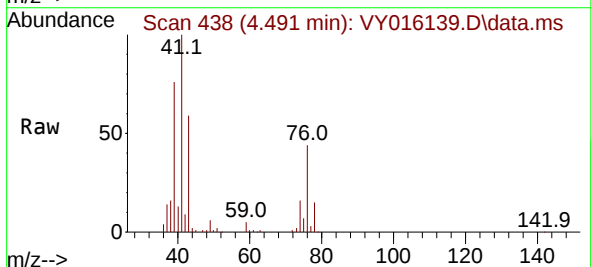
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

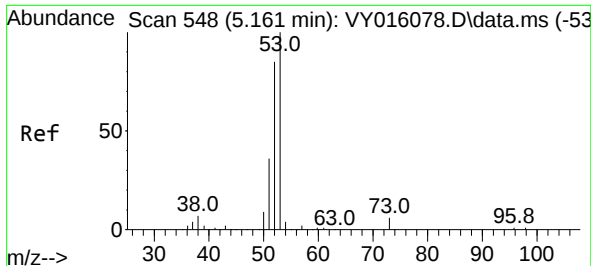
Tgt Ion: 56 Resp: 24988
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 38.905 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 41 Resp: 99433
Ion Ratio Lower Upper
41 100
39 75.0 58.0 87.0
76 42.7 27.4 41.2#

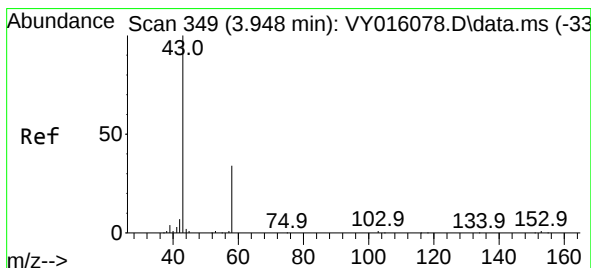
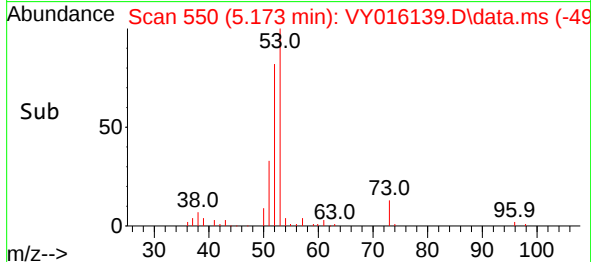
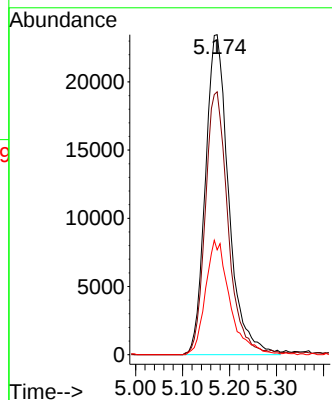
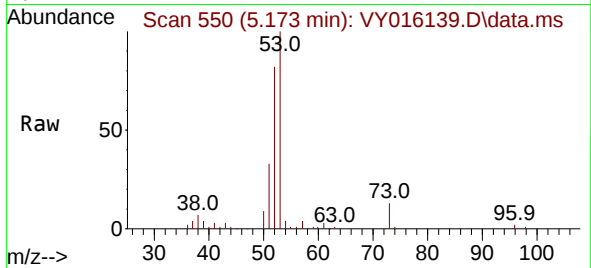




#15
Acrylonitrile
Concen: 166.304 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

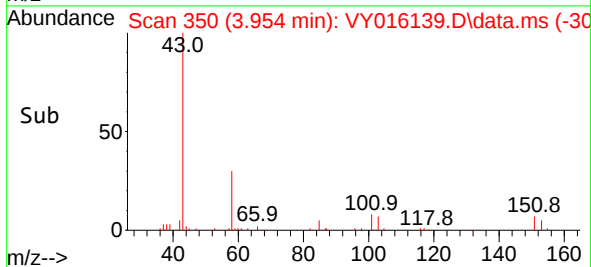
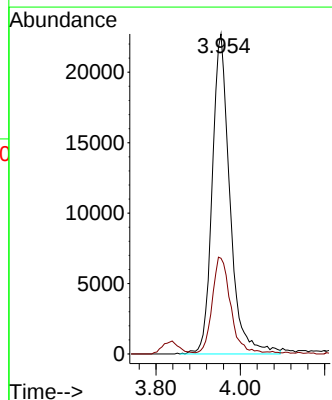
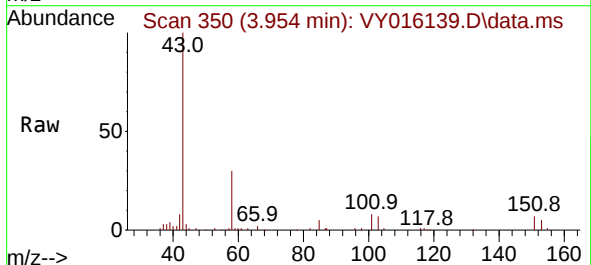
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

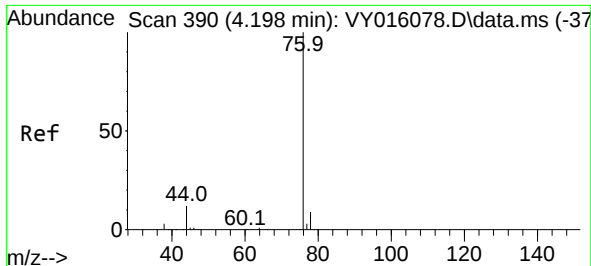
Tgt Ion: 53 Resp: 80889
Ion Ratio Lower Upper
53 100
52 80.5 66.9 100.3
51 37.3 29.8 44.6



#16
Acetone
Concen: 128.171 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 43 Resp: 66095
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1





#17

Carbon Disulfide

Concen: 40.363 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

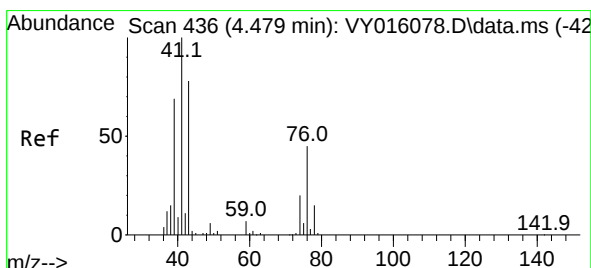
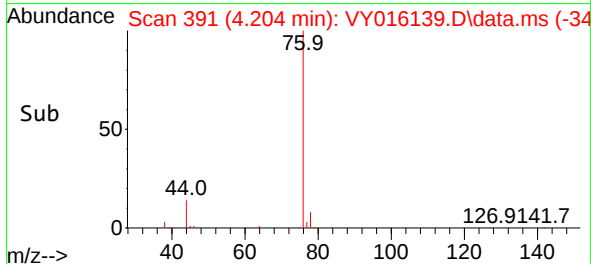
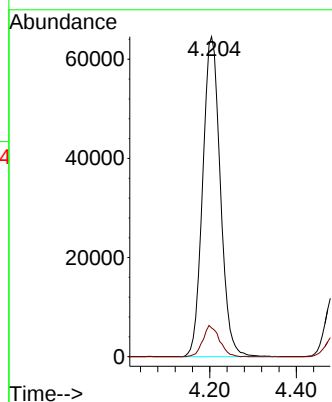
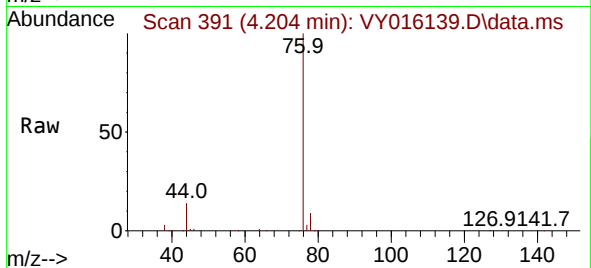
VSTDCCC050EC

Tgt Ion: 76 Resp: 182545

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 33.975 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY016139.D

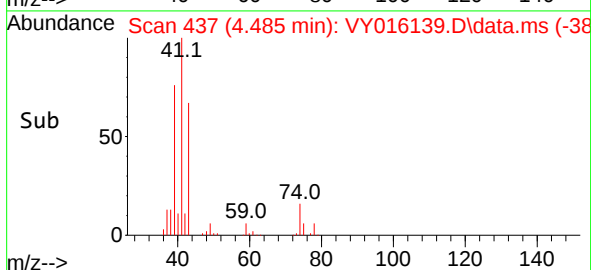
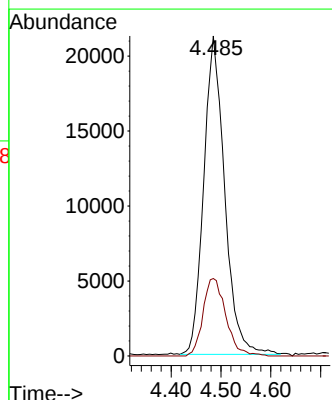
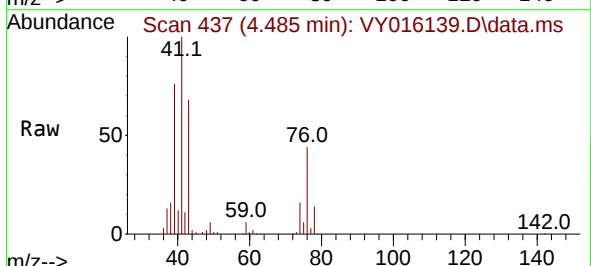
Acq: 30 Oct 2023 18:35

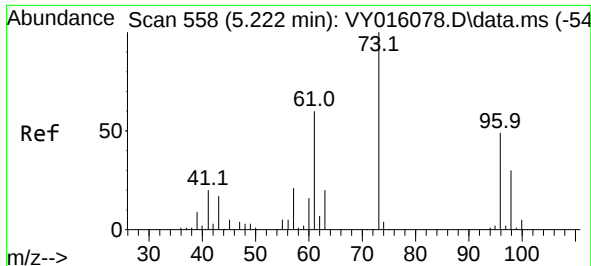
Tgt Ion: 43 Resp: 61944

Ion Ratio Lower Upper

43 100

74 26.5 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 42.398 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

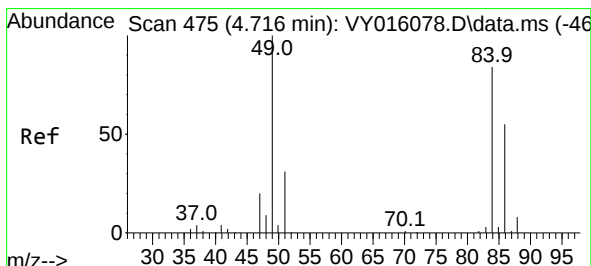
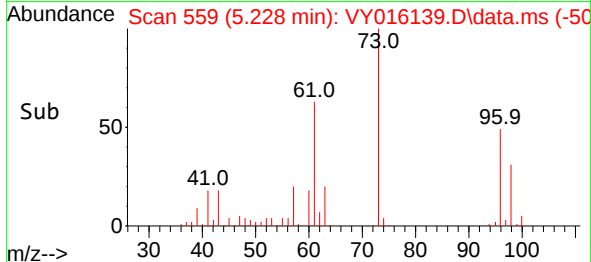
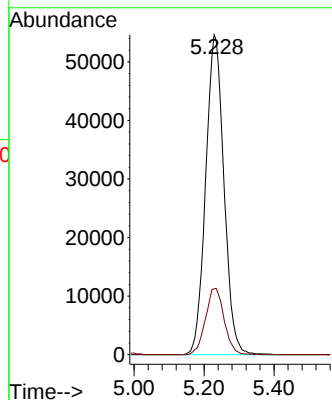
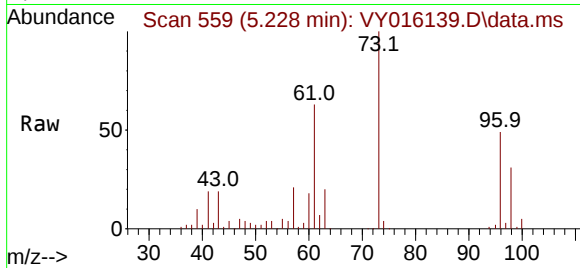
VSTDCCC050EC

Tgt Ion: 73 Resp: 197685

Ion Ratio Lower Upper

73 100

57 20.6 17.3 25.9



#20

Methylene Chloride

Concen: 46.019 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Tgt Ion: 84 Resp: 93324

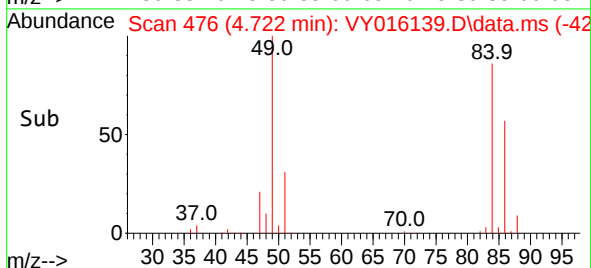
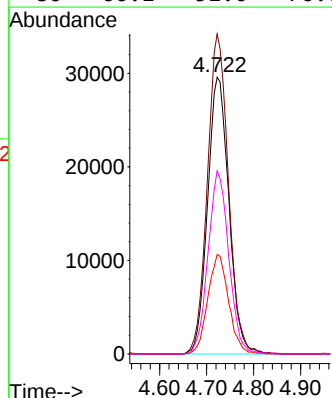
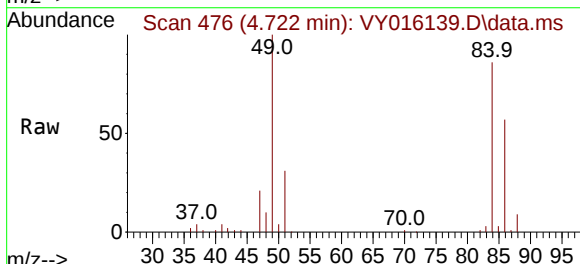
Ion Ratio Lower Upper

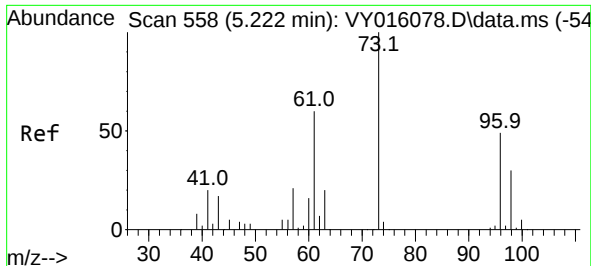
84 100

49 115.7 106.9 160.3

51 36.0 33.2 49.8

86 66.1 51.0 76.6

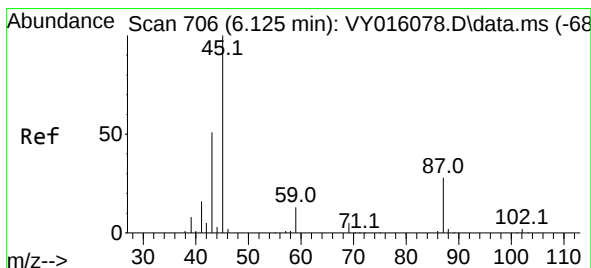
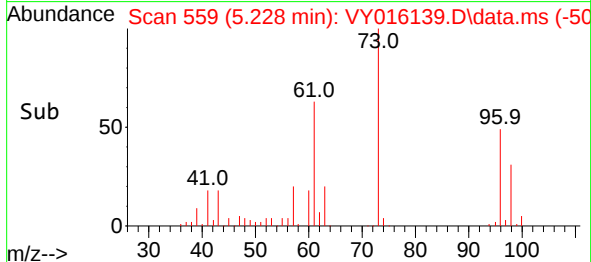
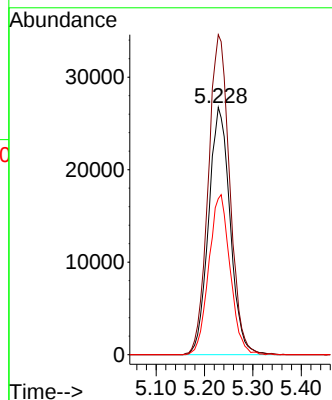
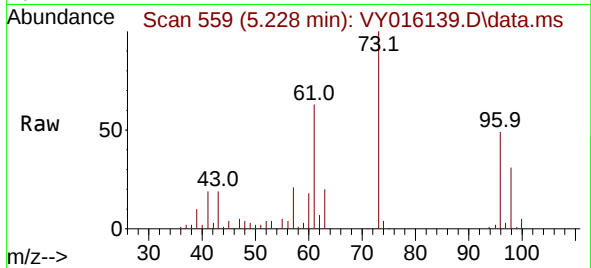




#21
trans-1,2-Dichloroethene
Concen: 43.588 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

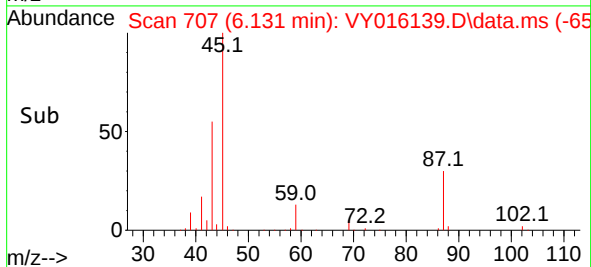
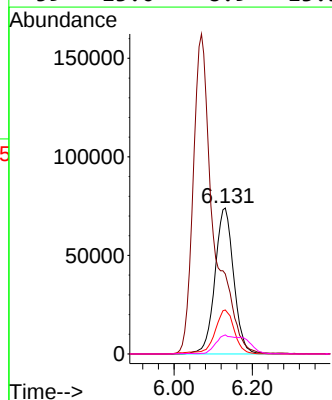
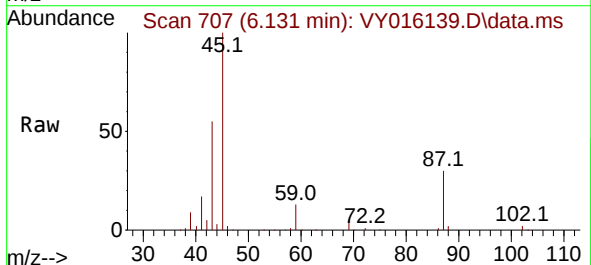
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

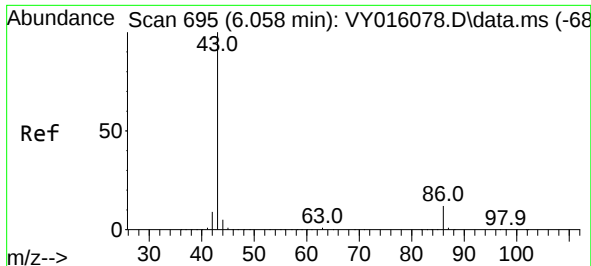
Tgt Ion: 96 Resp: 82609
Ion Ratio Lower Upper
96 100
61 129.4 110.2 165.4
98 63.1 51.8 77.6



#22
Diisopropyl ether
Concen: 44.015 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 45 Resp: 245980
Ion Ratio Lower Upper
45 100
43 54.2 52.2 78.4
87 30.1 21.0 31.6
59 13.0 8.9 13.3

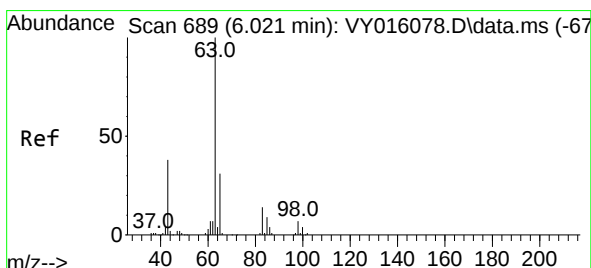
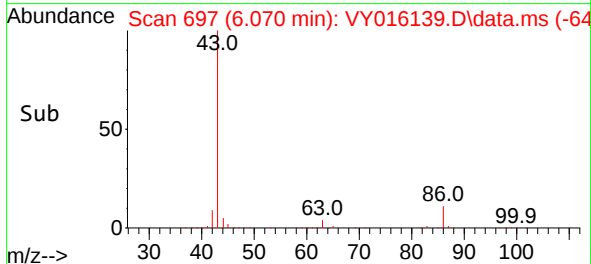
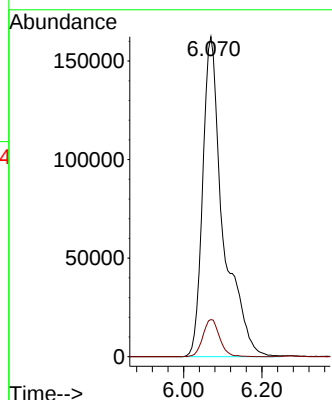
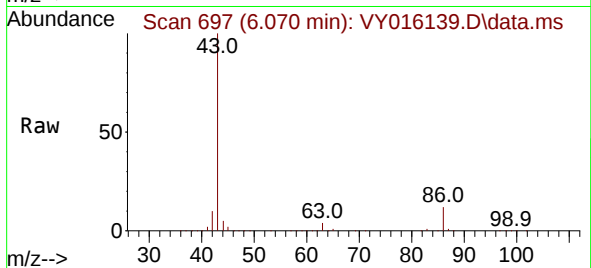




#23
 Vinyl Acetate
 Concen: 196.595 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY016139.D
 Acq: 30 Oct 2023 18:35

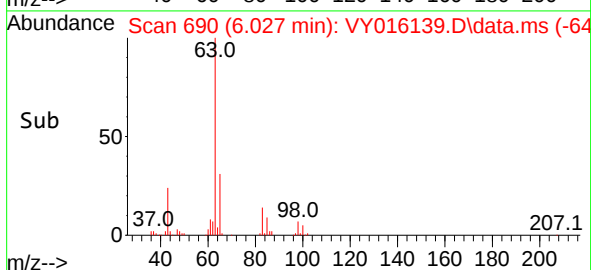
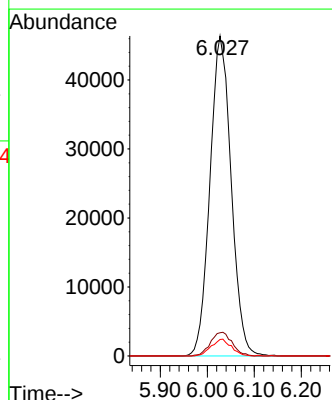
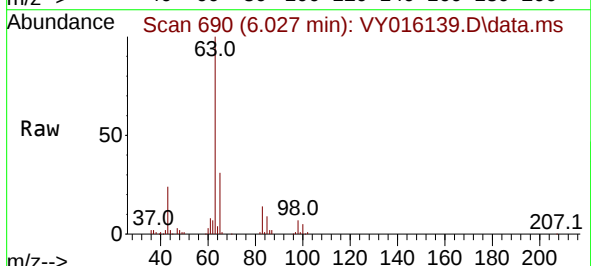
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

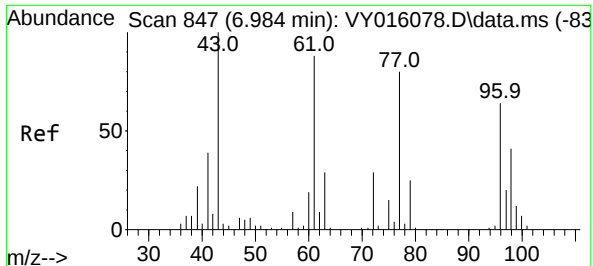
Tgt Ion: 43 Resp: 588665
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 43.179 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY016139.D
 Acq: 30 Oct 2023 18:35

Tgt Ion: 63 Resp: 145382
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 5.2 1.8 5.5

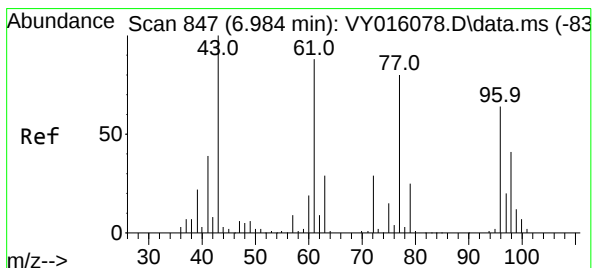
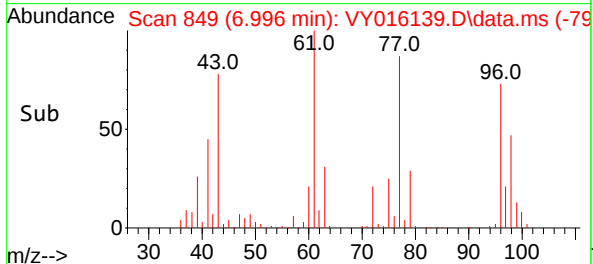
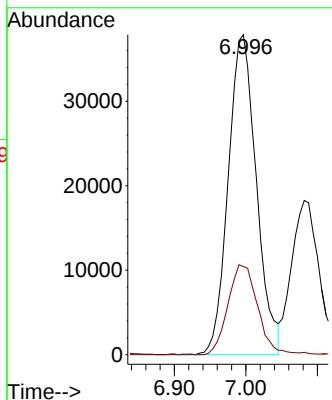
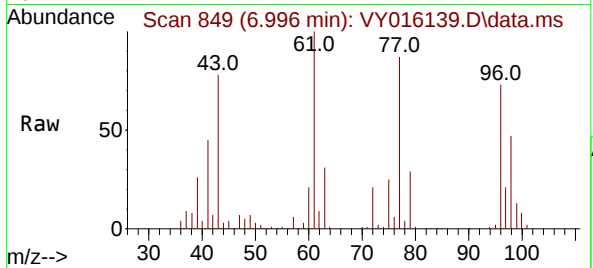




#25
2-Butanone
Concen: 149.028 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

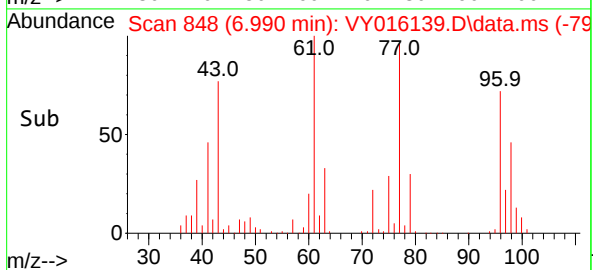
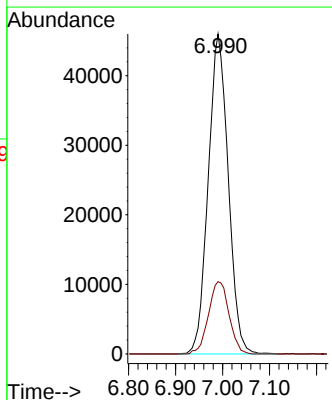
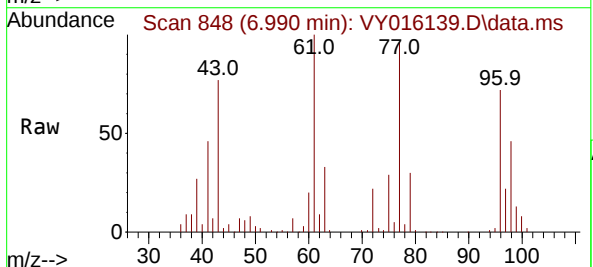
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

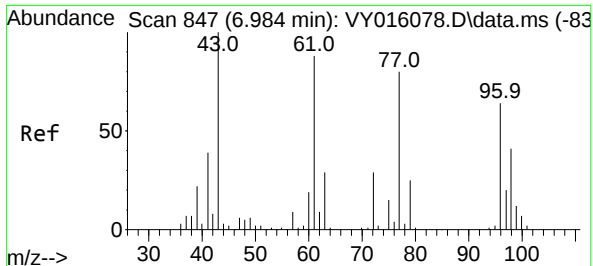
Tgt Ion: 43 Resp: 103722
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 43.407 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 77 Resp: 135861
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9

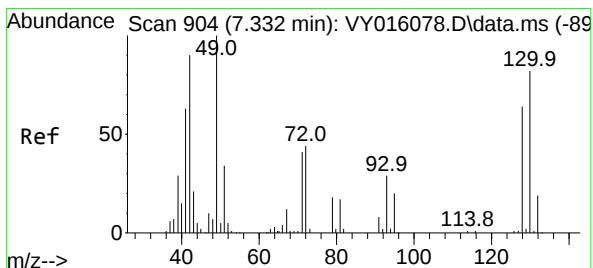
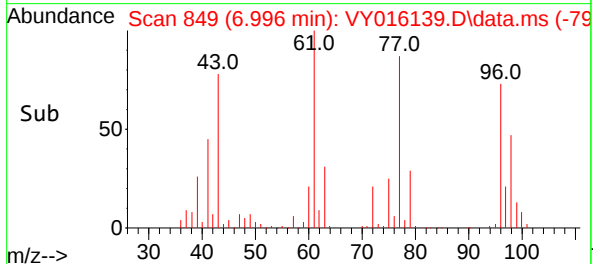
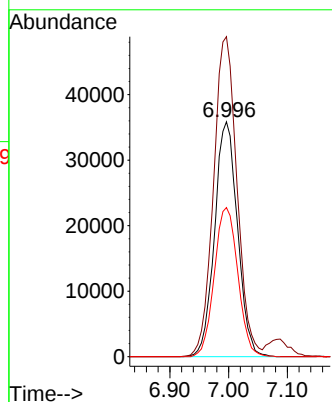
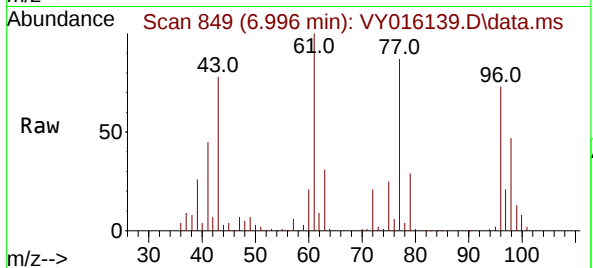




#27
 cis-1,2-Dichloroethene
 Concen: 43.596 ug/l
 RT: 6.996 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY016139.D
 Acq: 30 Oct 2023 18:35

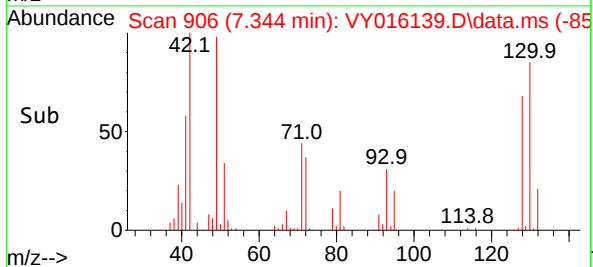
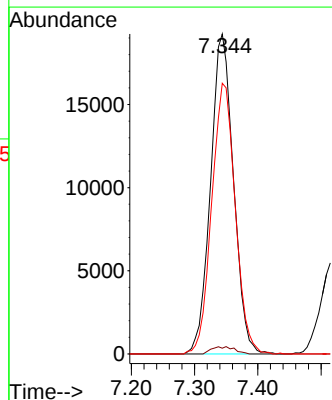
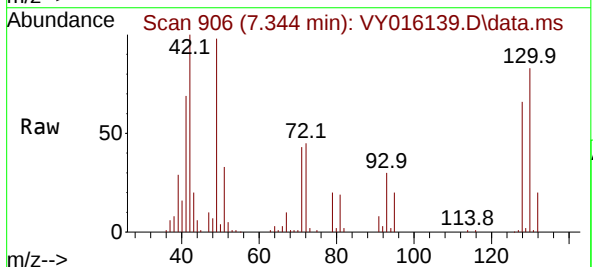
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

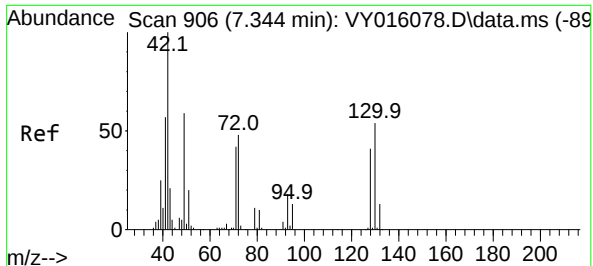
Tgt Ion: 96 Resp: 97032
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 301.4
 98 65.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 35.107 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VY016139.D
 Acq: 30 Oct 2023 18:35

Tgt Ion: 49 Resp: 48357
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 86.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 169.248 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

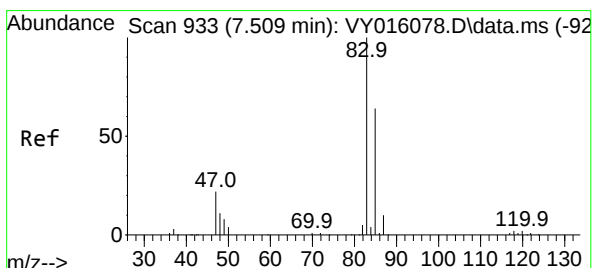
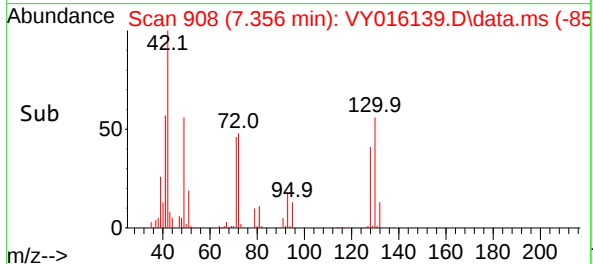
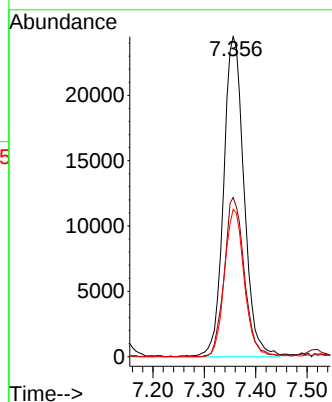
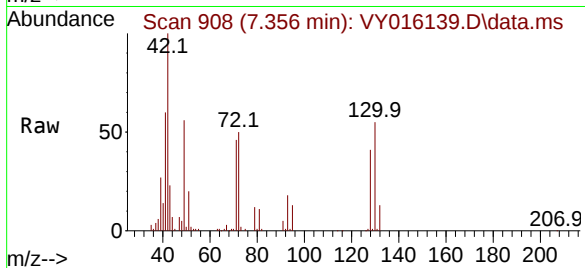
Tgt Ion: 42 Resp: 67586

Ion Ratio Lower Upper

42 100

72 48.8 32.8 49.2

71 45.0 31.0 46.4



#30

Chloroform

Concen: 44.984 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY016139.D

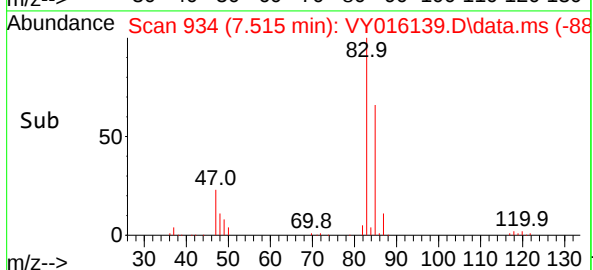
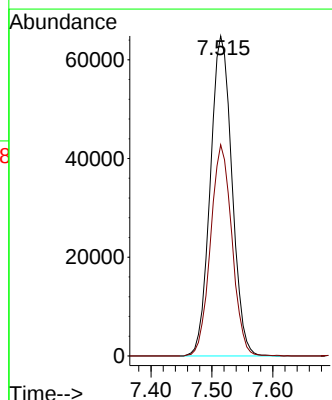
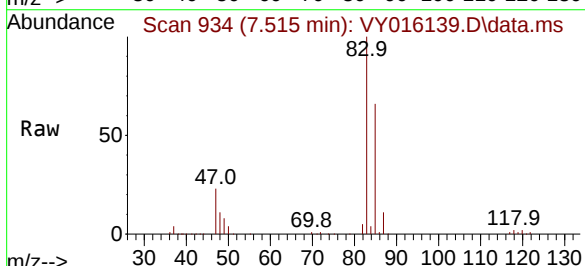
Acq: 30 Oct 2023 18:35

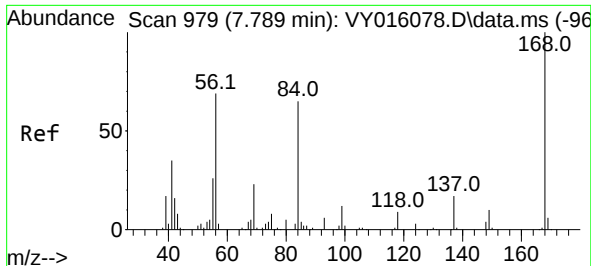
Tgt Ion: 83 Resp: 159997

Ion Ratio Lower Upper

83 100

85 66.0 49.7 74.5

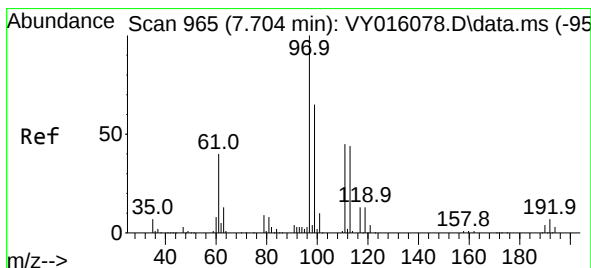
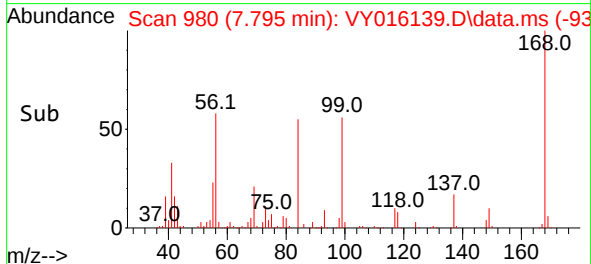
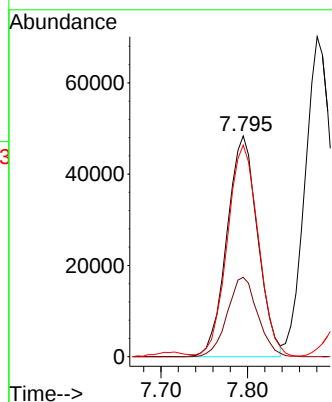
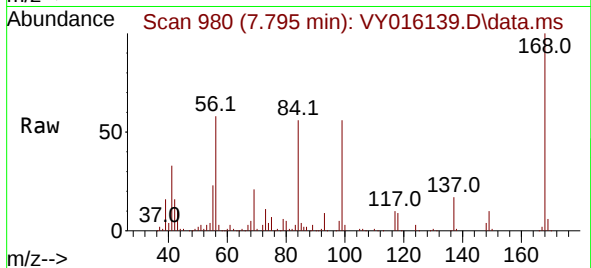




#31
Cyclohexane
Concen: 39.893 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

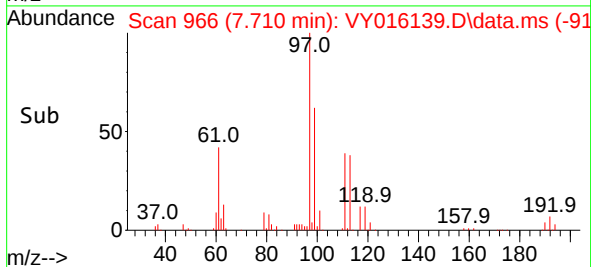
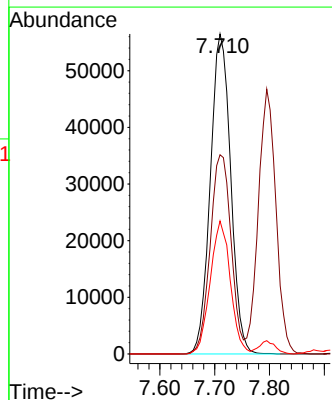
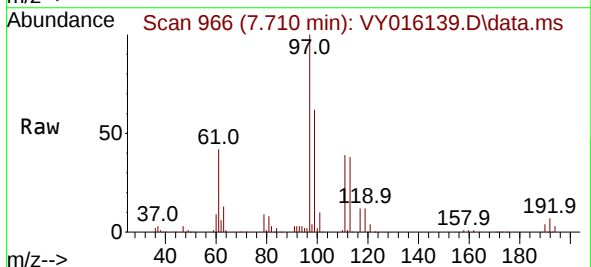
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

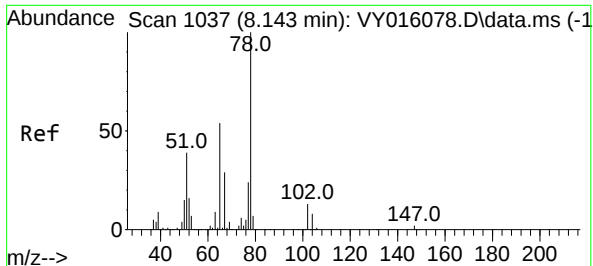
Tgt Ion: 56 Resp: 119406
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 94.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 45.661 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 97 Resp: 145673
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 41.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.865 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

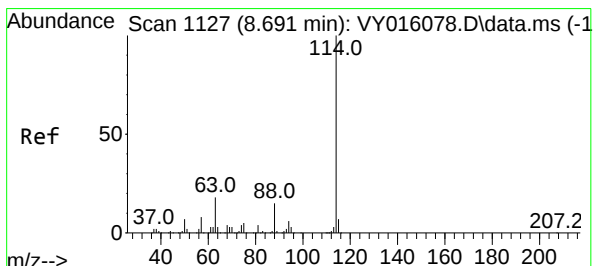
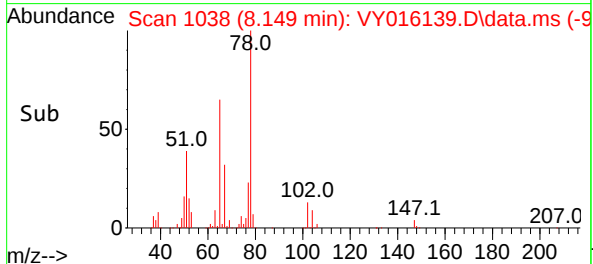
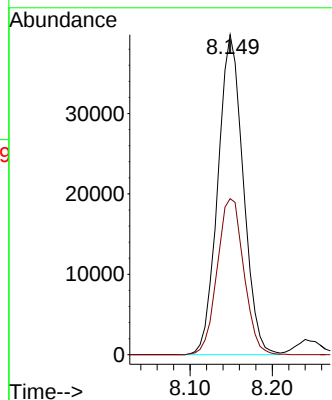
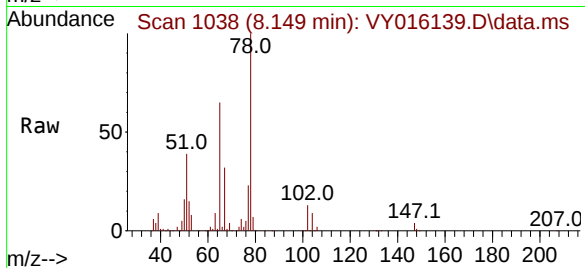
VSTDCCC050EC

Tgt Ion: 65 Resp: 85358

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

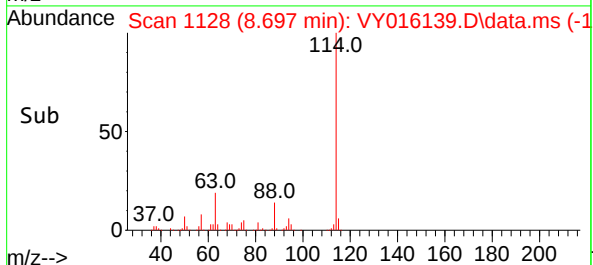
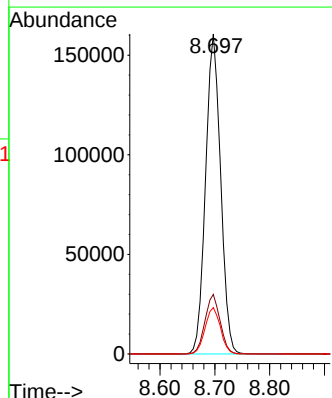
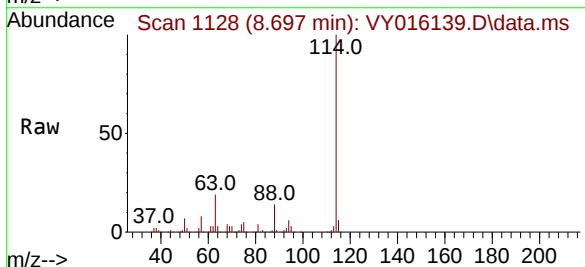
Tgt Ion: 114 Resp: 305063

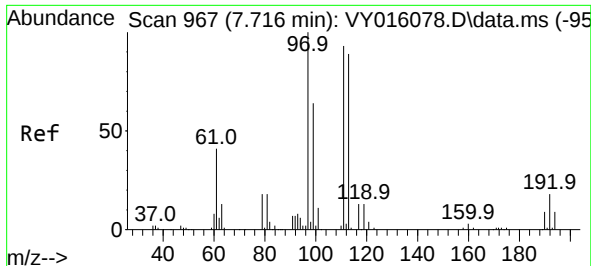
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.5 0.0 30.6

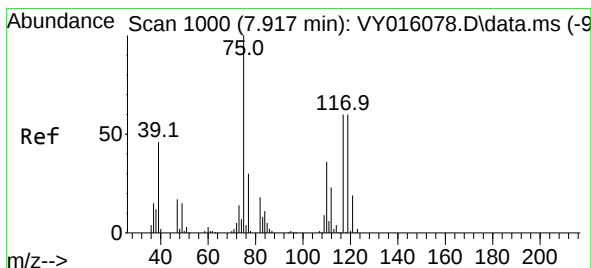
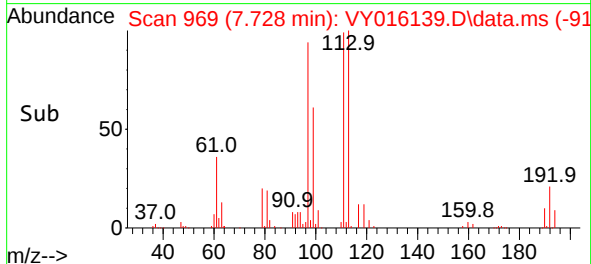
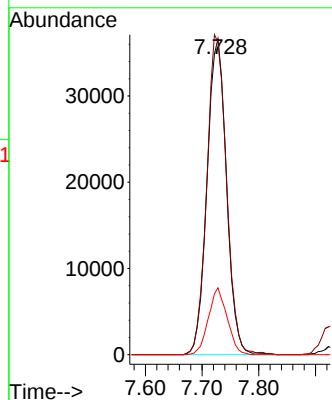
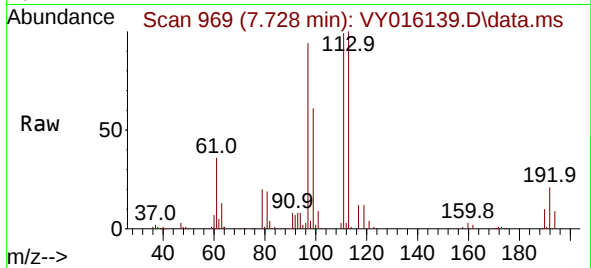




#35
Dibromofluoromethane
Concen: 45.365 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

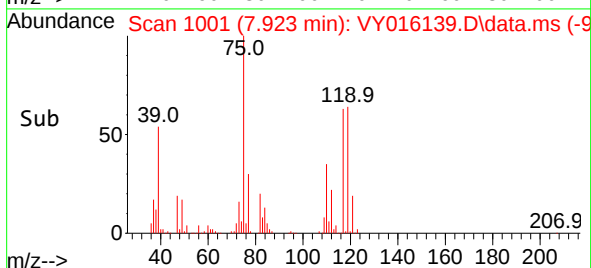
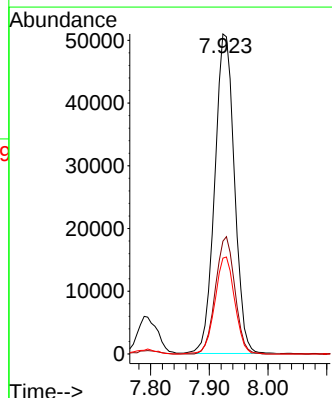
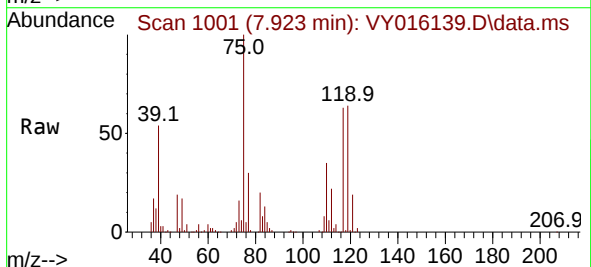
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

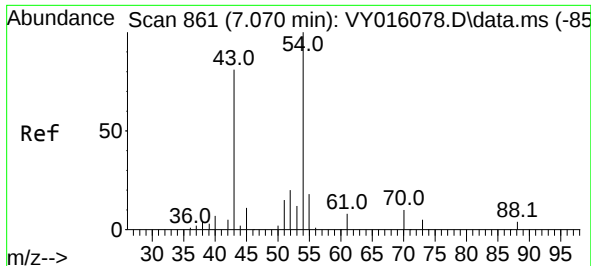
Tgt Ion:113 Resp: 87366
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 44.061 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 75 Resp: 118281
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 36.137 ug/l

RT: 7.082 min Scan# 861

Delta R.T. 0.012 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

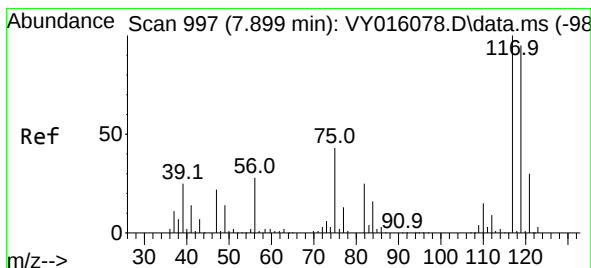
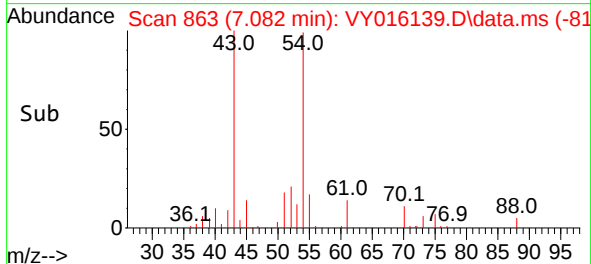
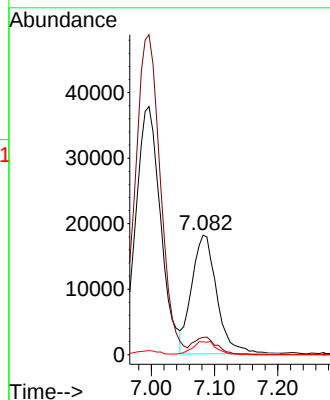
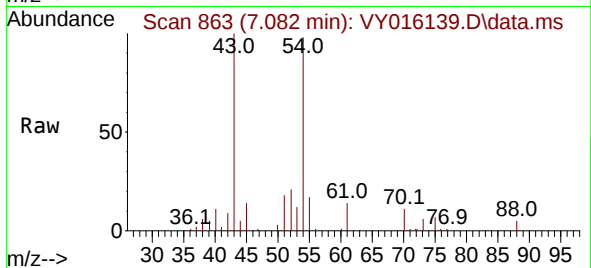
Tgt Ion: 43 Resp: 49723

Ion Ratio Lower Upper

43 100

61 13.9 10.1 15.1

70 10.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 40.618 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.012 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

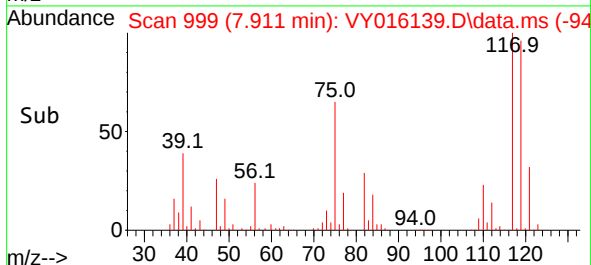
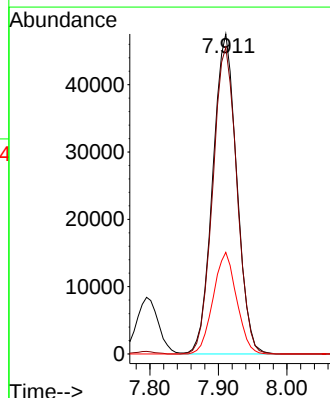
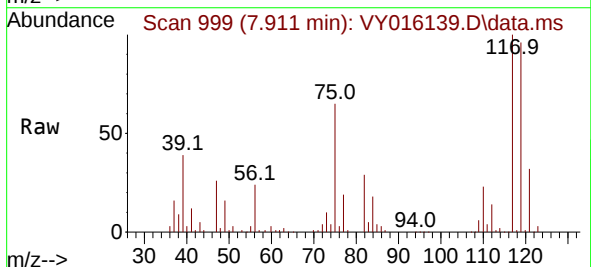
Tgt Ion: 117 Resp: 115307

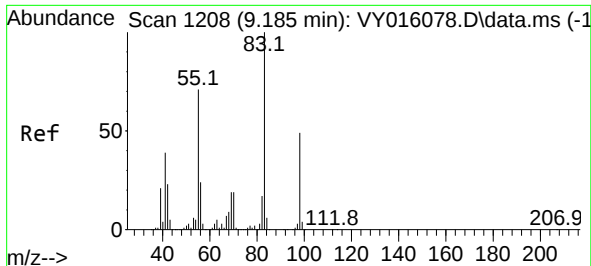
Ion Ratio Lower Upper

117 100

119 95.9 76.4 114.6

121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 43.736 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

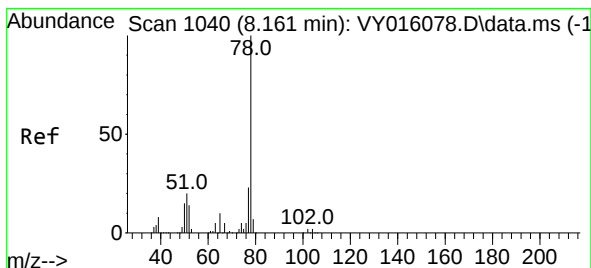
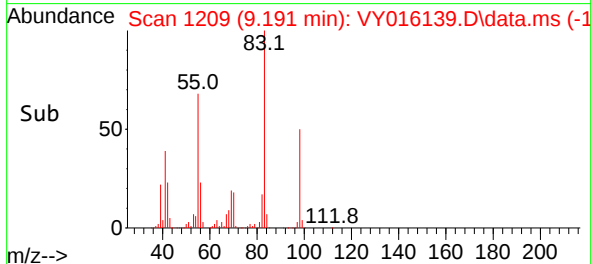
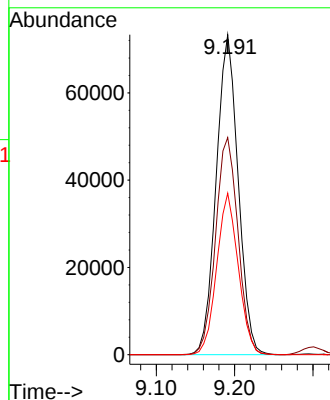
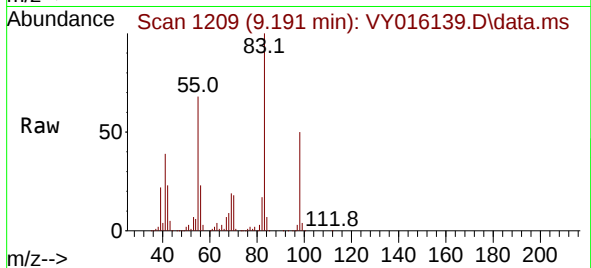
Tgt Ion: 83 Resp: 143032

Ion Ratio Lower Upper

83 100

55 67.9 63.0 94.4

98 50.4 37.4 56.2



#40

Benzene

Concen: 45.515 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY016139.D

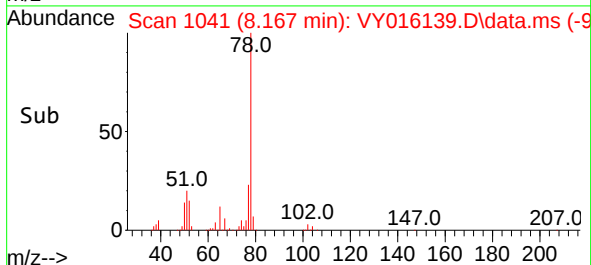
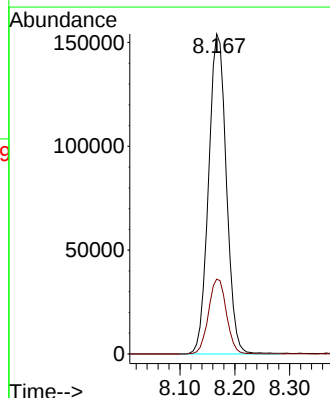
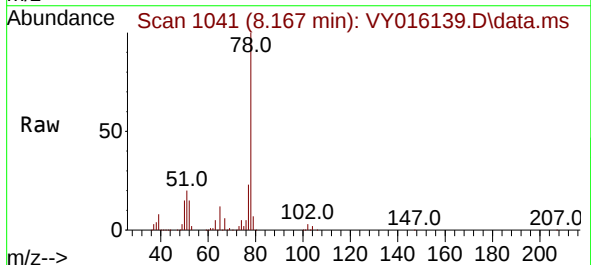
Acq: 30 Oct 2023 18:35

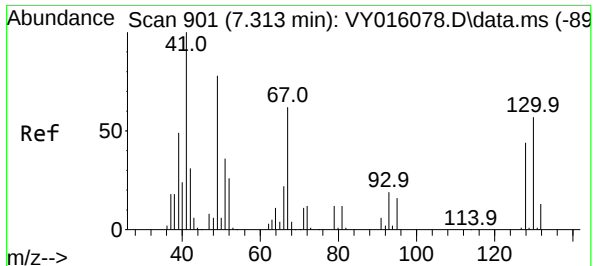
Tgt Ion: 78 Resp: 345933

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



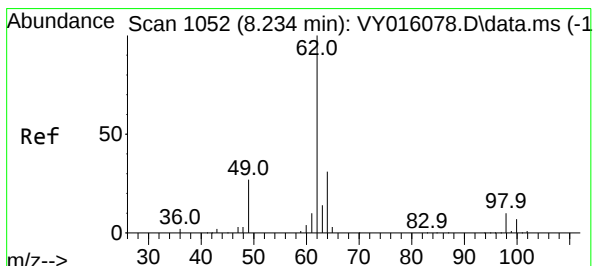
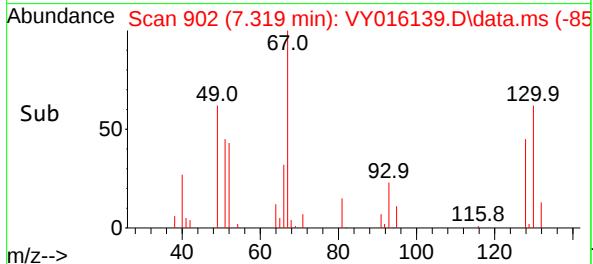
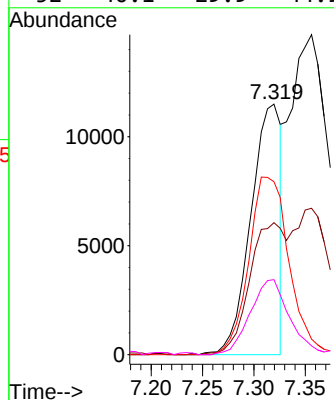
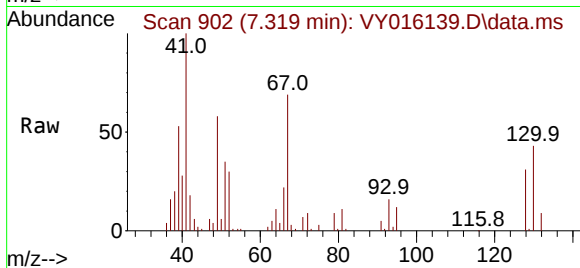


#41
Methacrylonitrile
Concen: 32.556 ug/l
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 23444

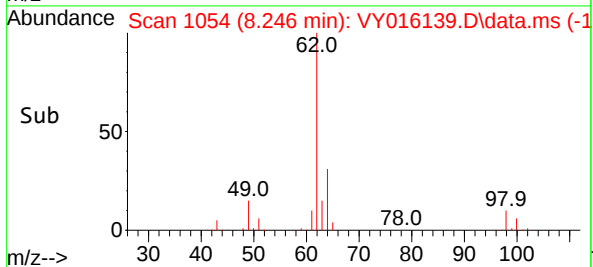
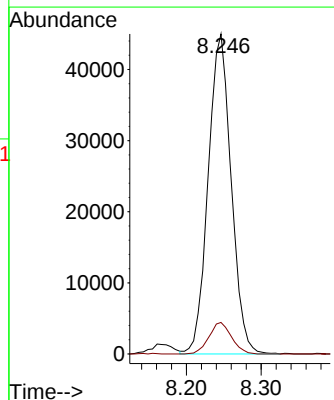
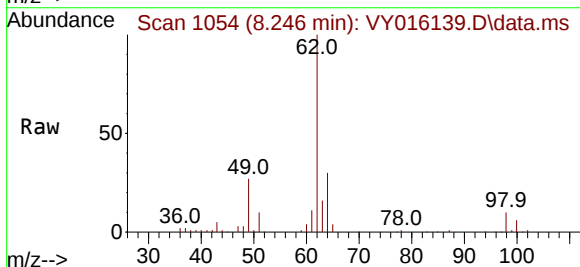
Ion	Ratio	Lower	Upper
41	100		
39	63.5	52.1	78.1
67	95.4	66.2	99.2
52	40.1	29.9	44.9

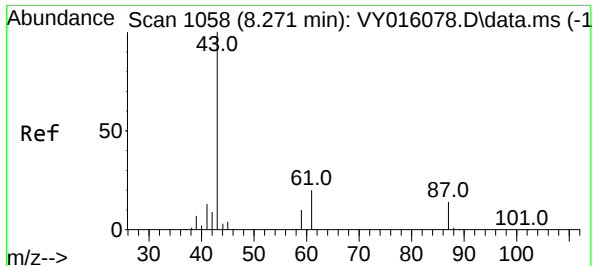


#42
1,2-Dichloroethane
Concen: 43.919 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 62 Resp: 96453

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 38.351 ug/l

RT: 8.283 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

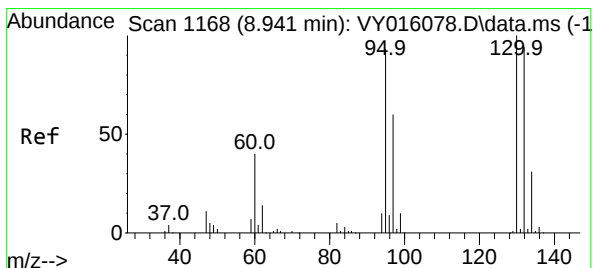
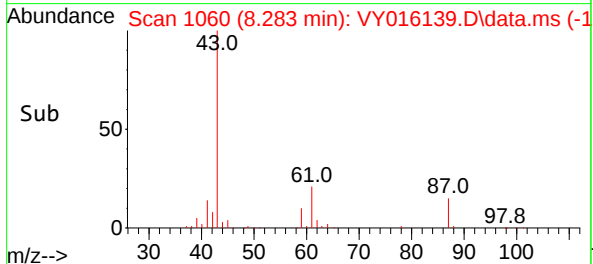
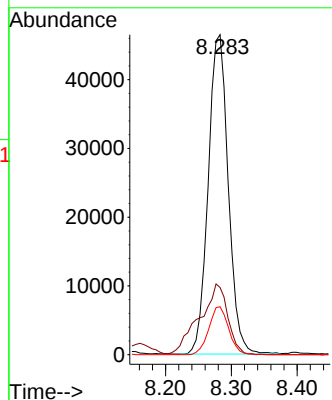
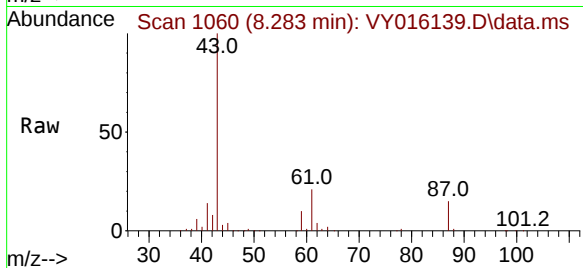
Tgt Ion: 43 Resp: 98665

Ion Ratio Lower Upper

43 100

61 31.1 21.1 31.7

87 14.9 9.8 14.8#



#44

Trichloroethene

Concen: 46.532 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY016139.D

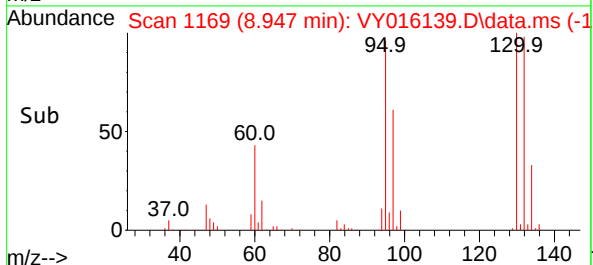
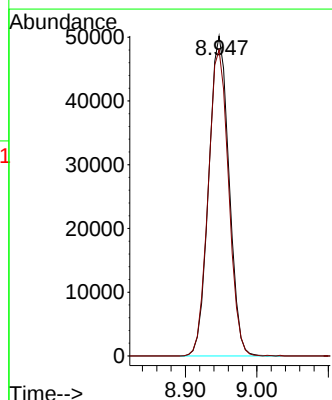
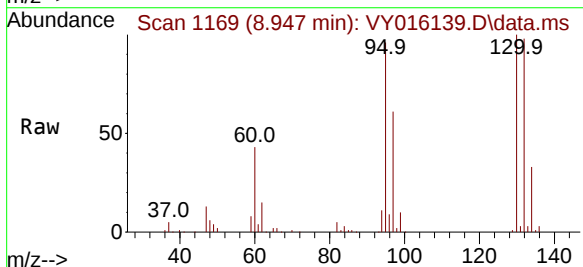
Acq: 30 Oct 2023 18:35

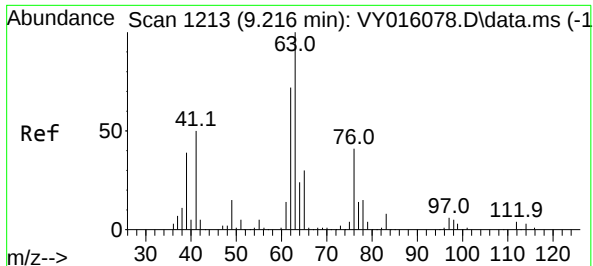
Tgt Ion:130 Resp: 98754

Ion Ratio Lower Upper

130 100

95 95.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 43.816 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

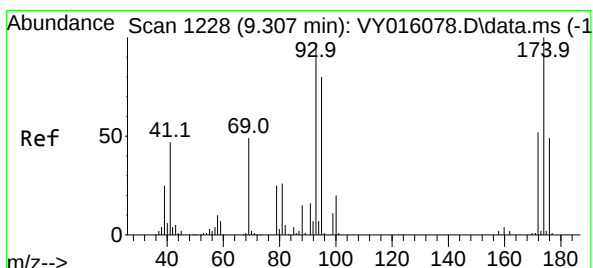
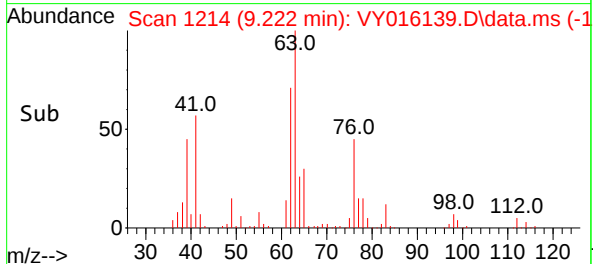
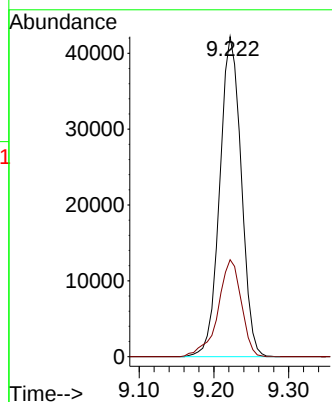
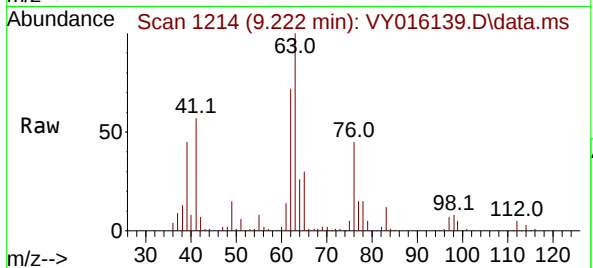
VSTDCCC050EC

Tgt Ion: 63 Resp: 84285

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.6



#46

Dibromomethane

Concen: 41.493 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

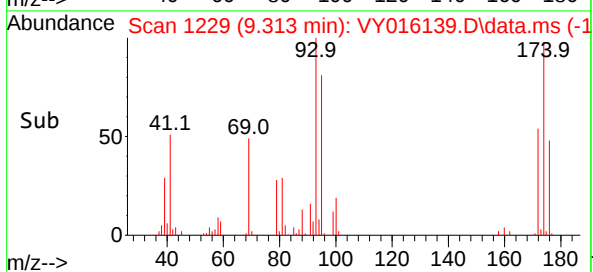
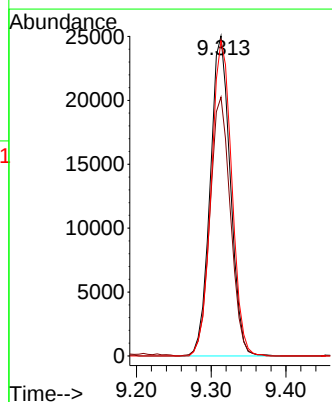
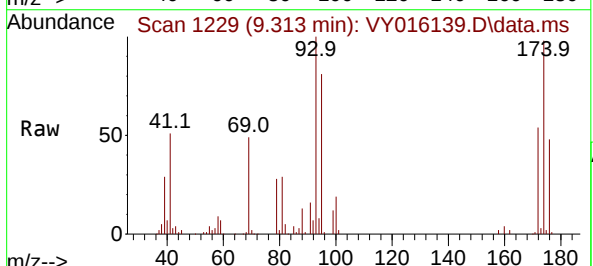
Tgt Ion: 93 Resp: 46800

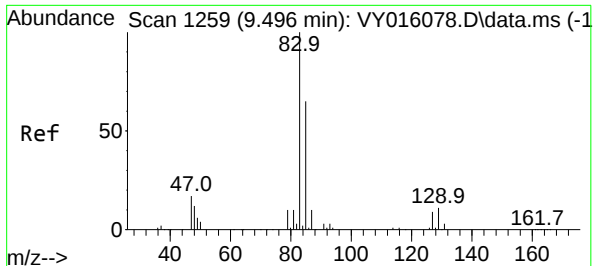
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 100.5 84.8 127.2





#47

Bromodichloromethane

Concen: 44.674 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

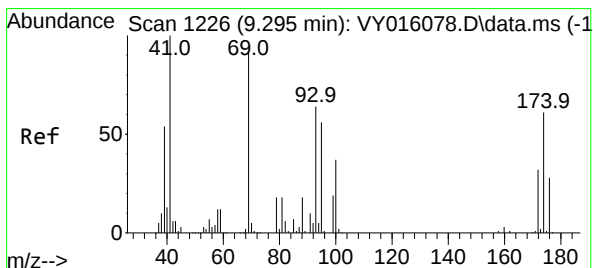
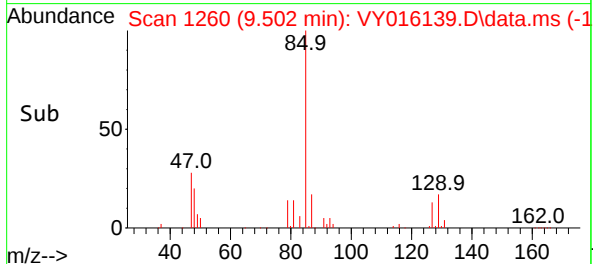
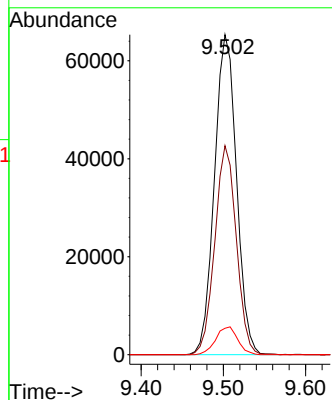
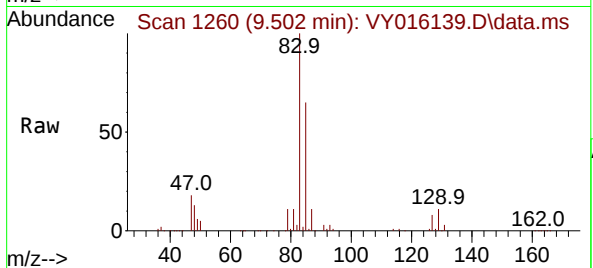
Tgt Ion: 83 Resp: 121860

Ion Ratio Lower Upper

83 100

85 65.3 50.1 75.1

127 8.3 7.1 10.7



#48

Methyl methacrylate

Concen: 39.383 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

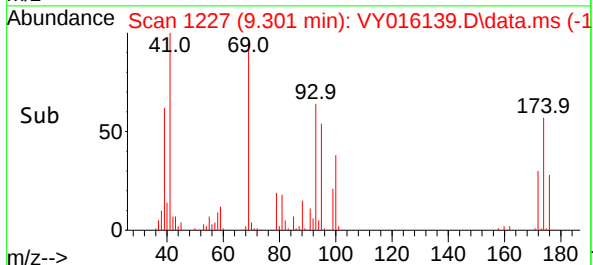
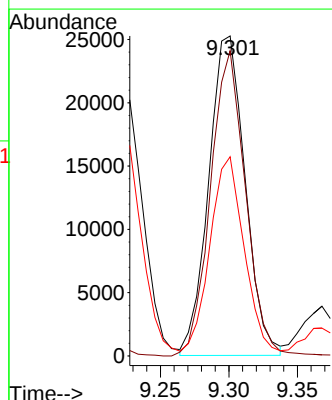
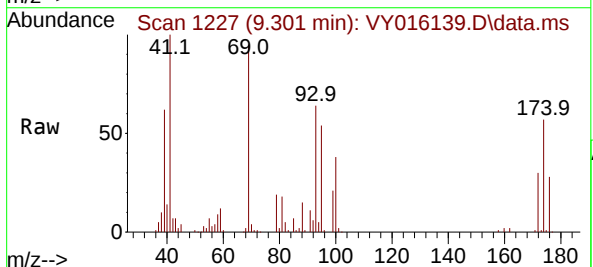
Tgt Ion: 41 Resp: 46679

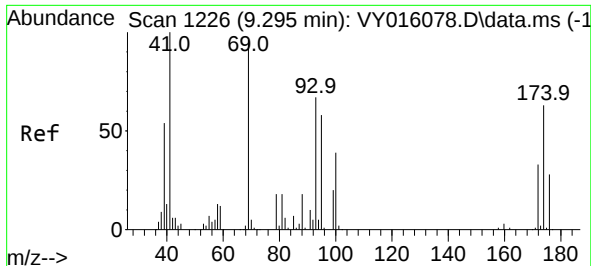
Ion Ratio Lower Upper

41 100

69 91.7 64.5 96.7

39 59.4 50.8 76.2





#49

1,4-Dioxane

Concen: 756.331 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

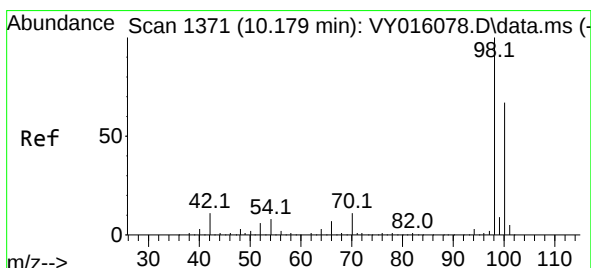
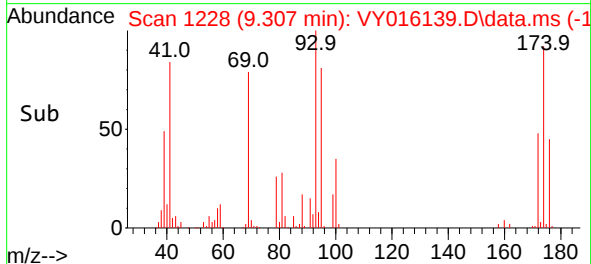
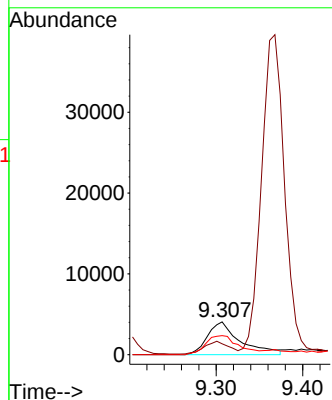
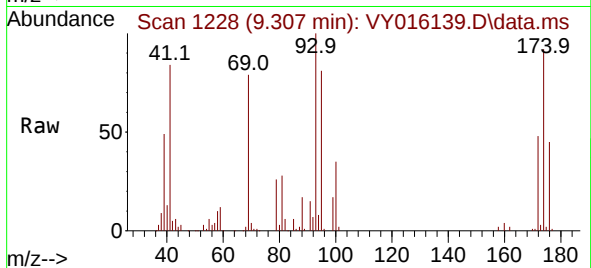
Tgt Ion: 88 Resp: 10673

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0#

58 58.2 30.9 46.3#



#50

Toluene-d8

Concen: 47.521 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY016139.D

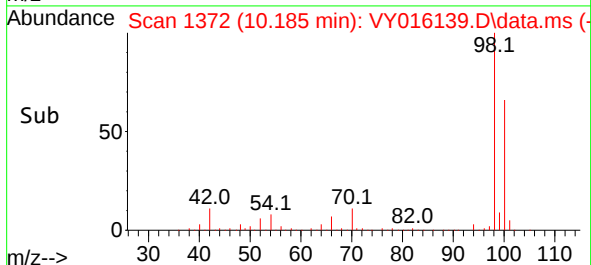
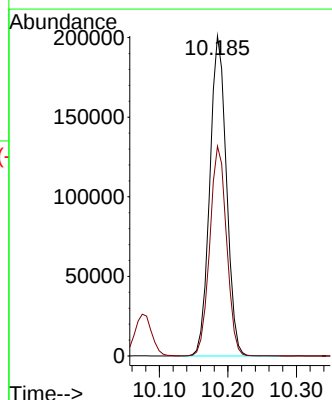
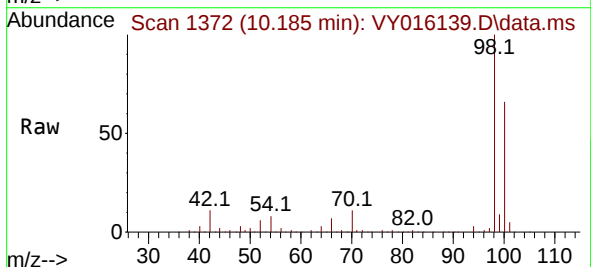
Acq: 30 Oct 2023 18:35

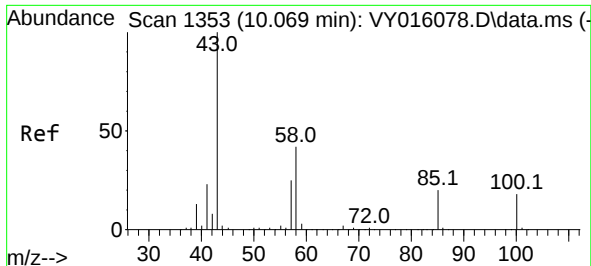
Tgt Ion: 98 Resp: 338999

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 185.625 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

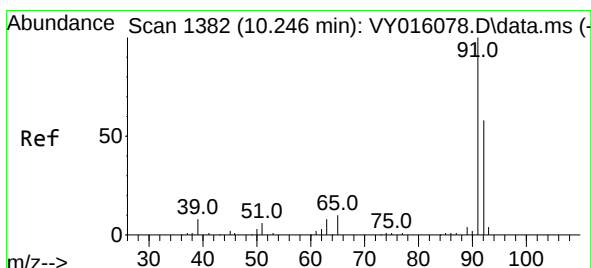
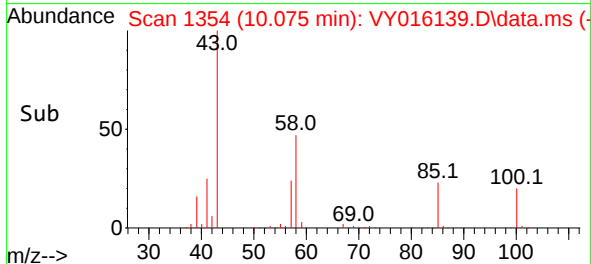
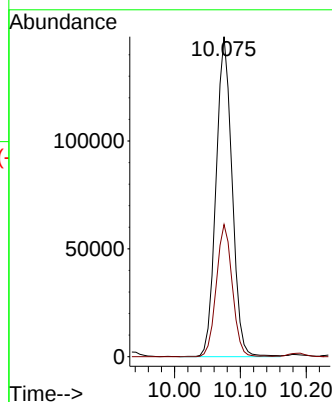
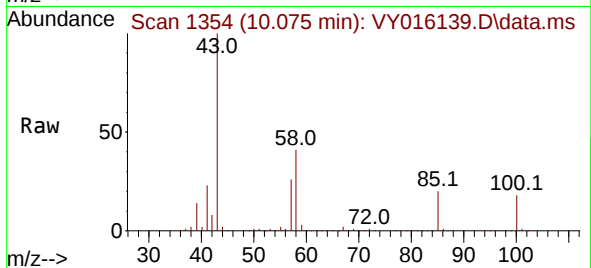
VSTDCCC050EC

Tgt Ion: 43 Resp: 251990

Ion Ratio Lower Upper

43 100

58 41.1 29.0 43.6



#52

Toluene

Concen: 46.269 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY016139.D

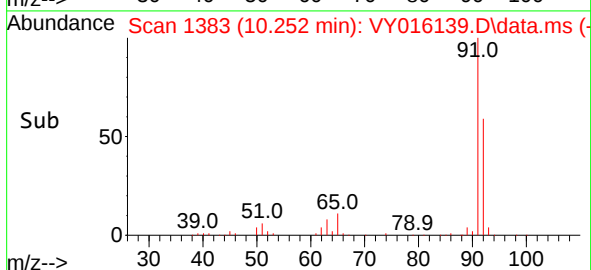
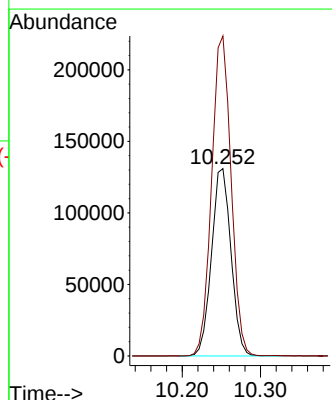
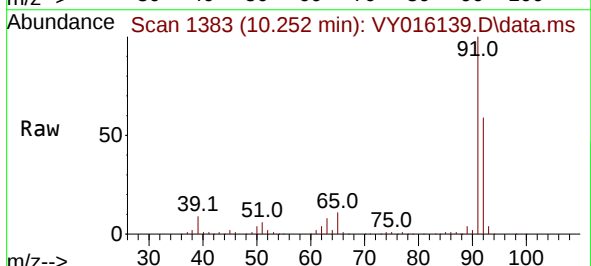
Acq: 30 Oct 2023 18:35

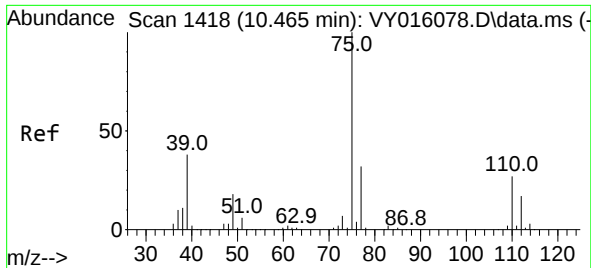
Tgt Ion: 92 Resp: 225820

Ion Ratio Lower Upper

92 100

91 171.0 143.8 215.6

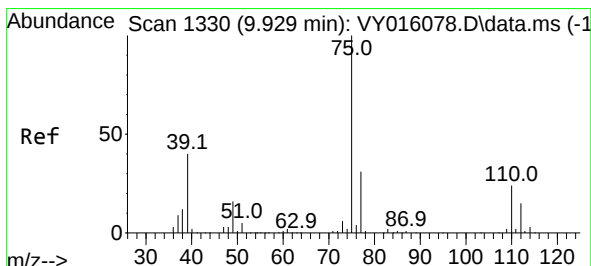
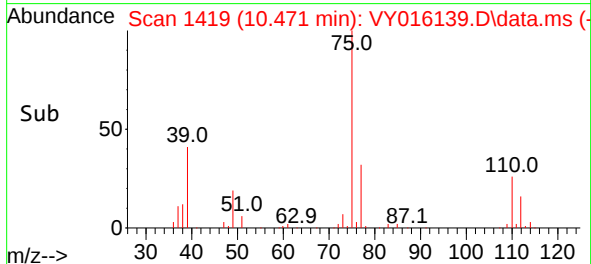
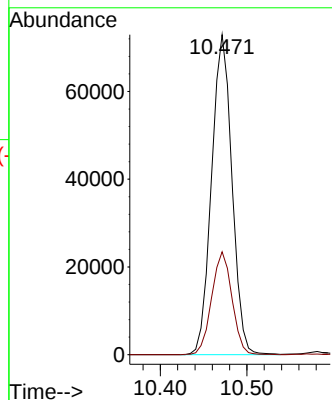
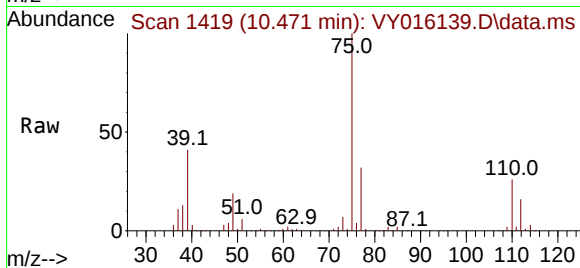




#53
 t-1,3-Dichloropropene
 Concen: 42.789 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY016139.D
 Acq: 30 Oct 2023 18:35

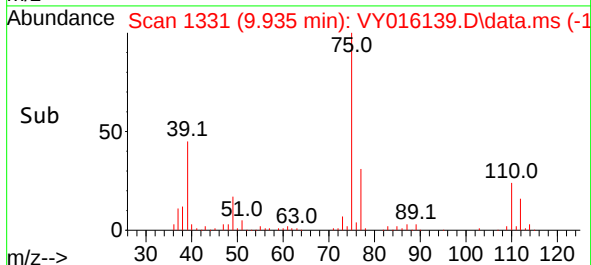
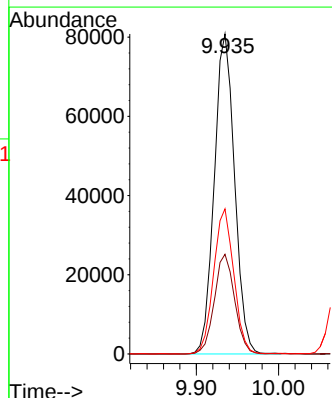
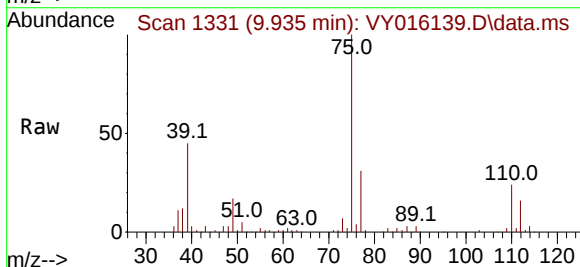
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

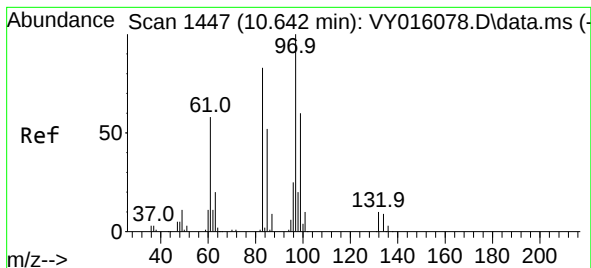
Tgt Ion: 75 Resp: 119354
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 43.969 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY016139.D
 Acq: 30 Oct 2023 18:35

Tgt Ion: 75 Resp: 138700
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 45.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 40.516 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 64928

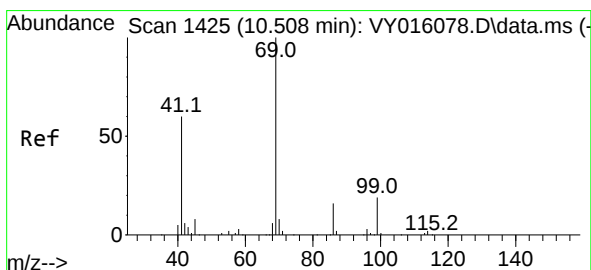
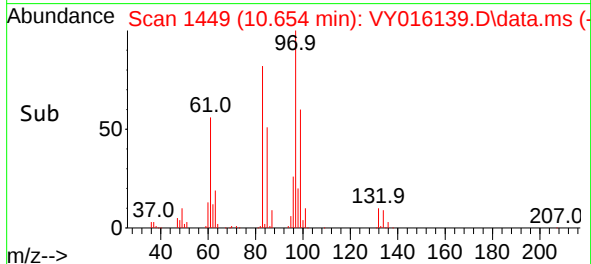
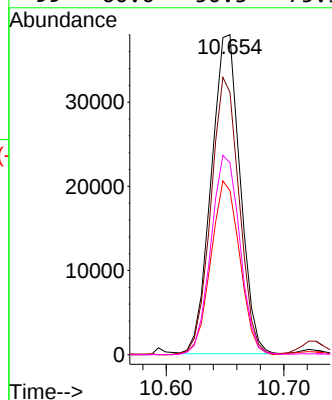
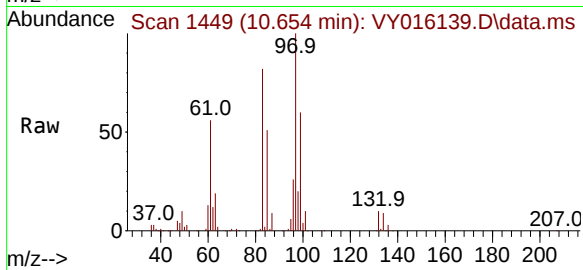
Ion Ratio Lower Upper

97 100

83 81.8 72.0 108.0

85 51.2 45.4 68.0

99 60.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 40.855 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

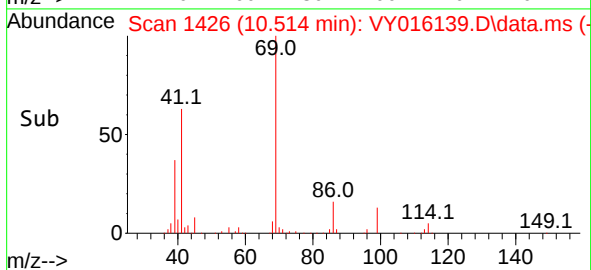
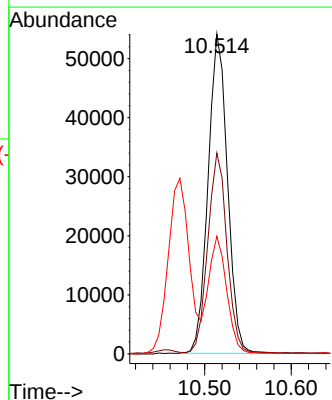
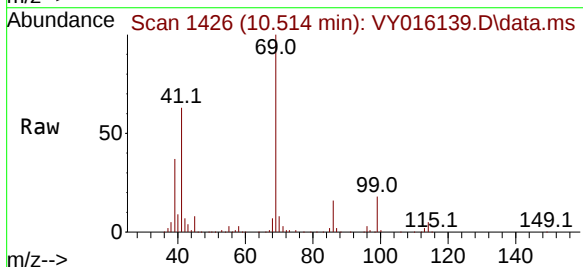
Tgt Ion: 69 Resp: 84142

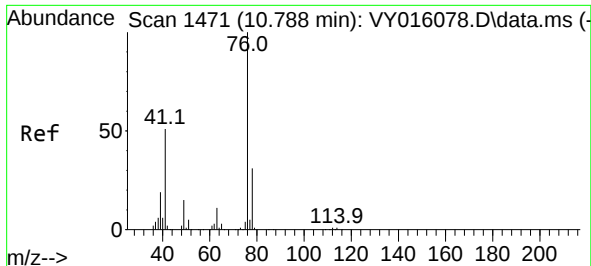
Ion Ratio Lower Upper

69 100

41 62.0 57.6 86.4

39 34.1 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 40.869 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

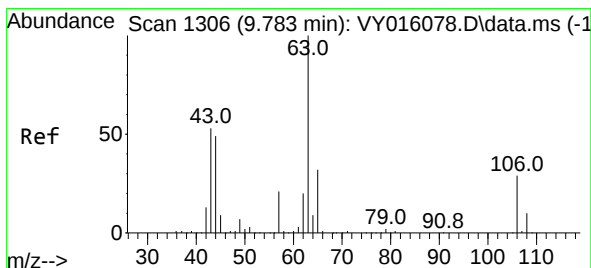
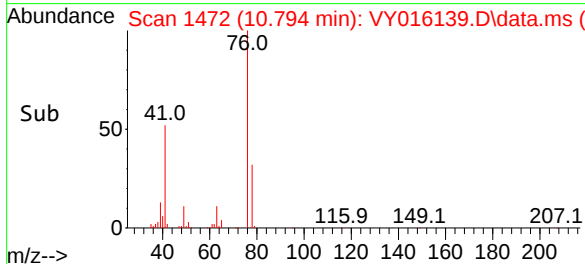
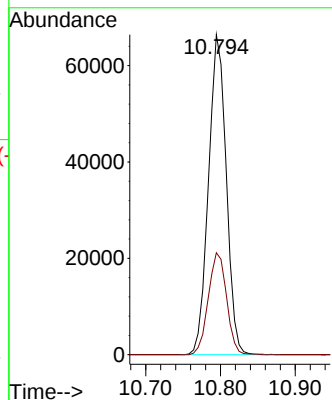
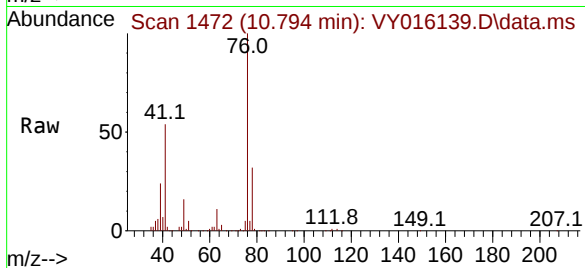
VSTDCCC050EC

Tgt Ion: 76 Resp: 109483

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 200.790 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY016139.D

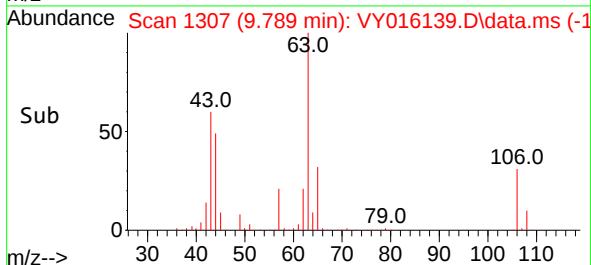
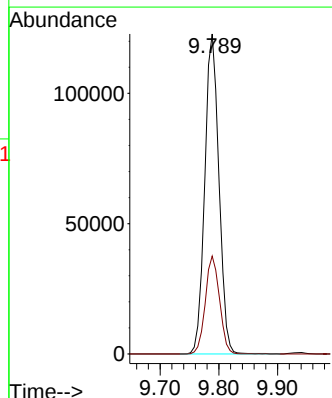
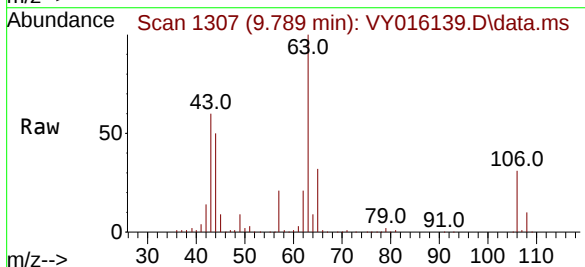
Acq: 30 Oct 2023 18:35

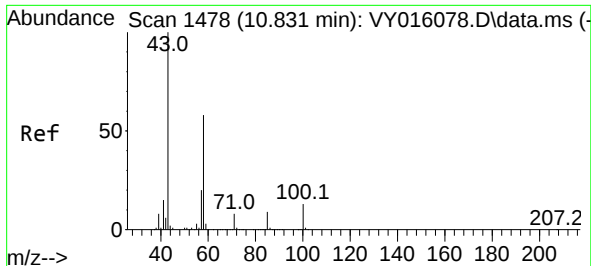
Tgt Ion: 63 Resp: 205869

Ion Ratio Lower Upper

63 100

106 30.6 21.2 31.8

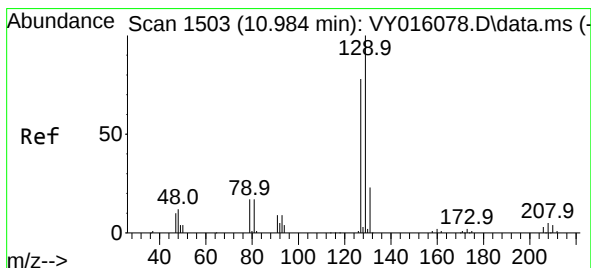
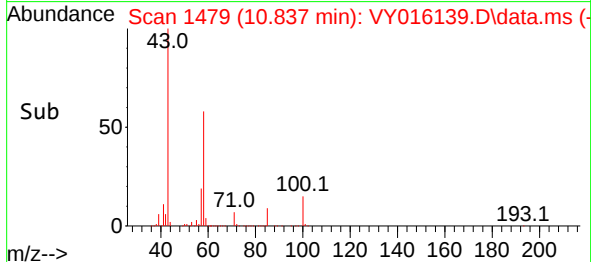
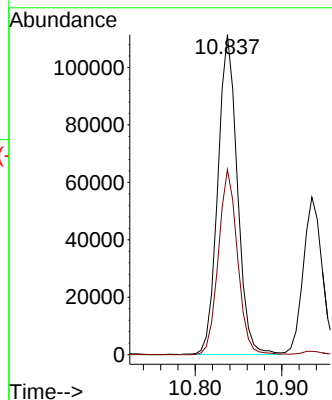
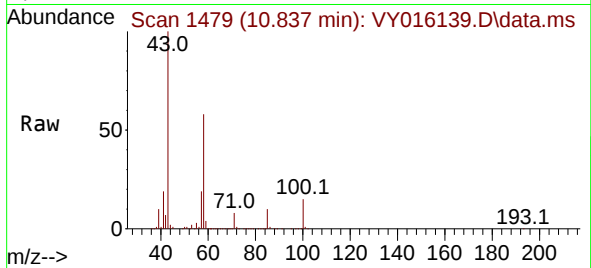




#59
2-Hexanone
Concen: 174.177 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

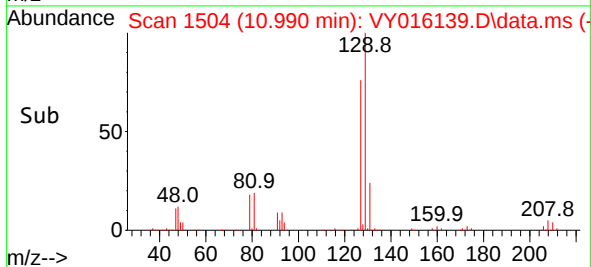
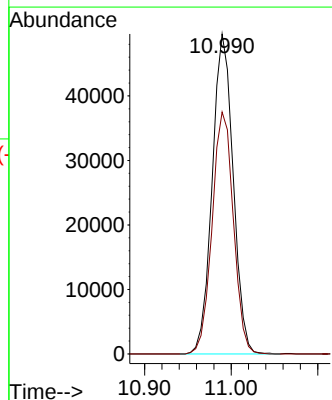
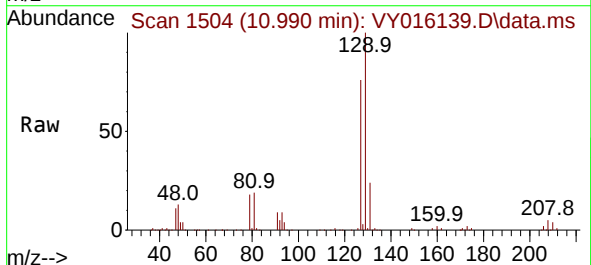
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

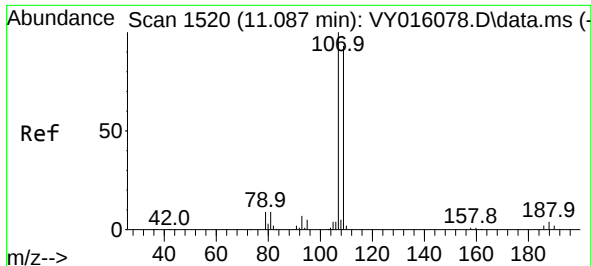
Tgt Ion: 43 Resp: 174176
Ion Ratio Lower Upper
43 100
58 56.8 25.1 75.3



#60
Dibromochloromethane
Concen: 42.467 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 129 Resp: 83338
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

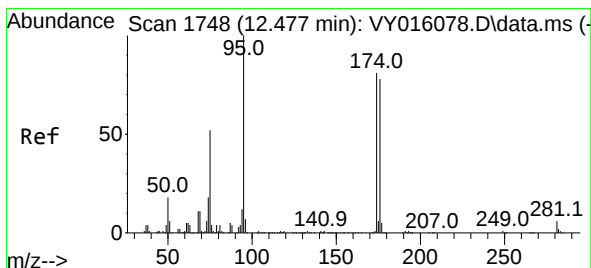
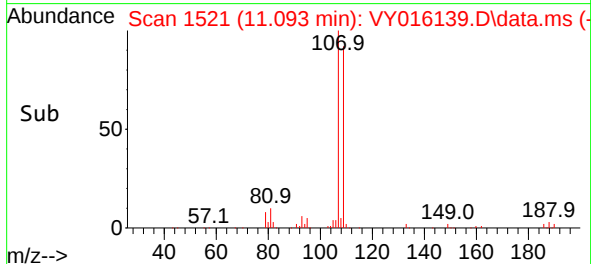
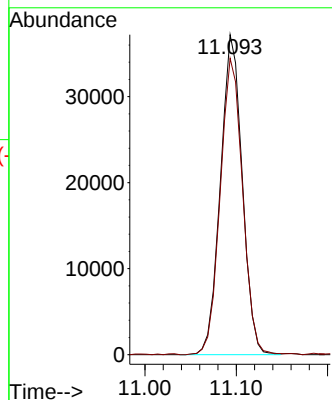
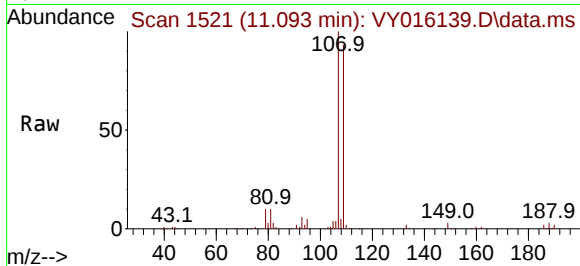




#61
1,2-Dibromoethane
Concen: 40.109 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

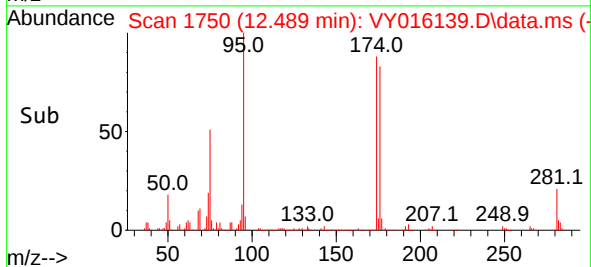
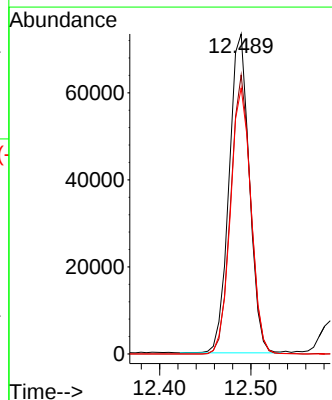
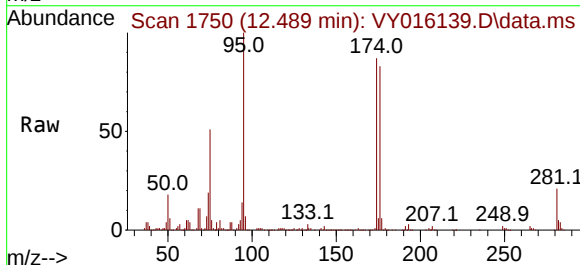
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

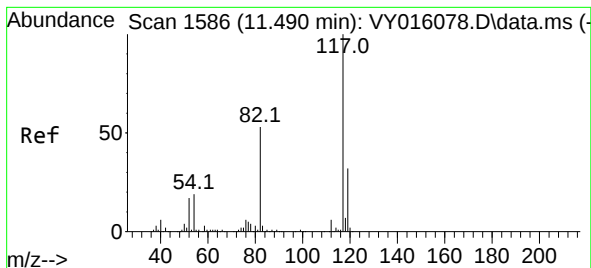
Tgt Ion:107 Resp: 61549
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.191 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 95 Resp: 113030
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 84.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

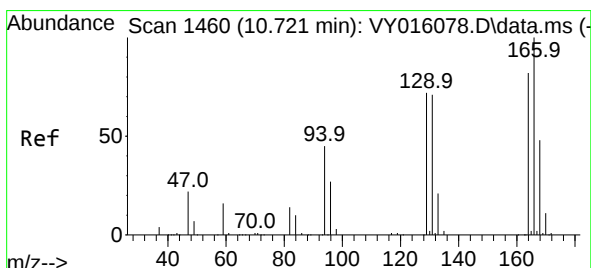
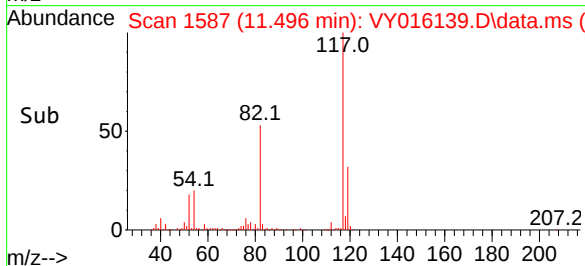
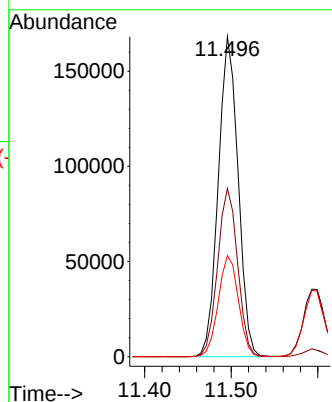
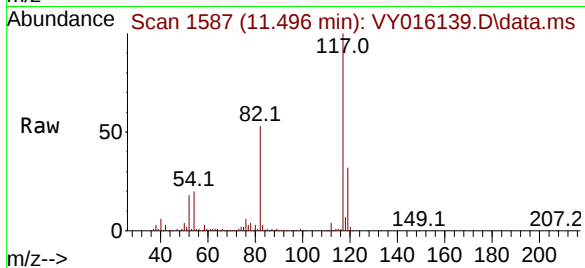
Tgt Ion:117 Resp: 267549

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 56.873 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Tgt Ion:164 Resp: 100695

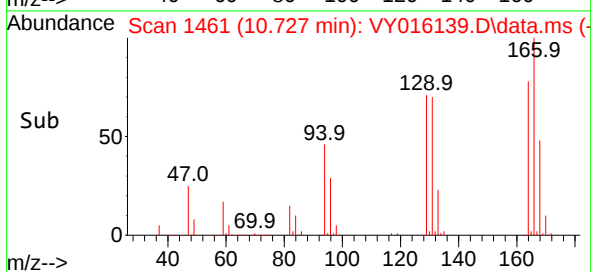
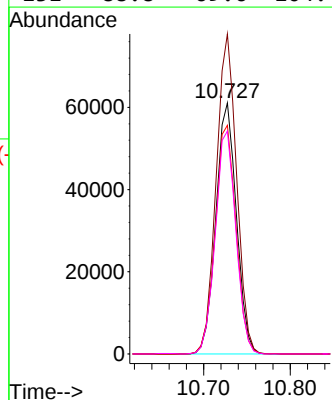
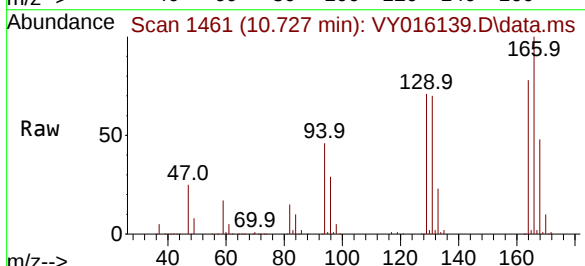
Ion Ratio Lower Upper

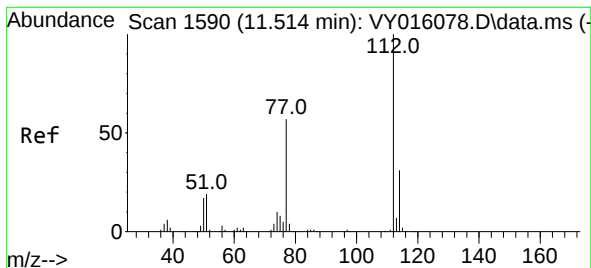
164 100

166 127.5 103.0 154.6

129 91.1 77.2 115.8

131 88.8 69.6 104.4





#65

Chlorobenzene

Concen: 46.199 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

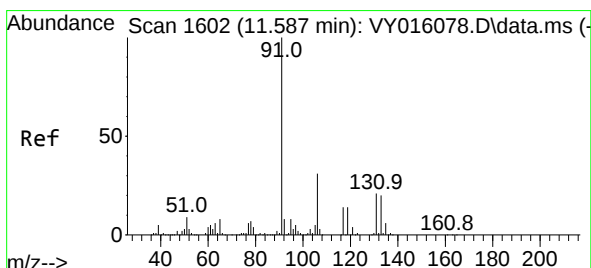
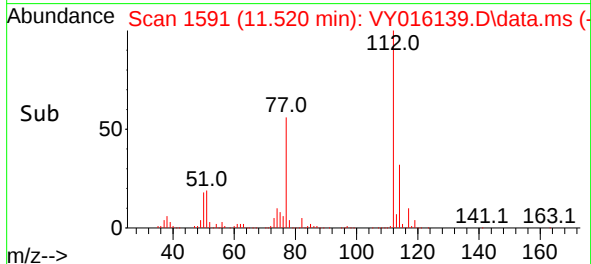
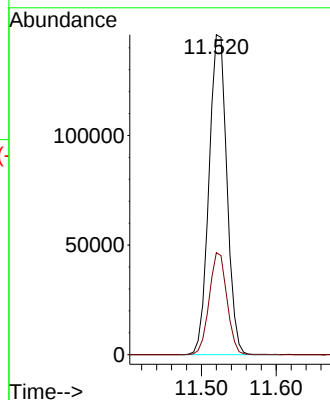
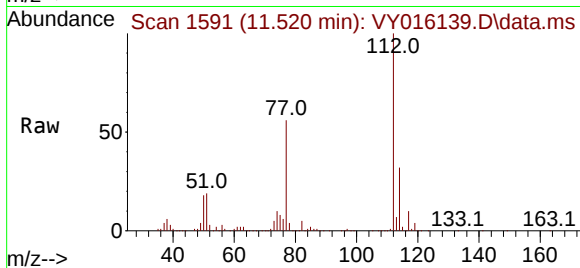
VSTDCCC050EC

Tgt Ion:112 Resp: 242906

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 46.543 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

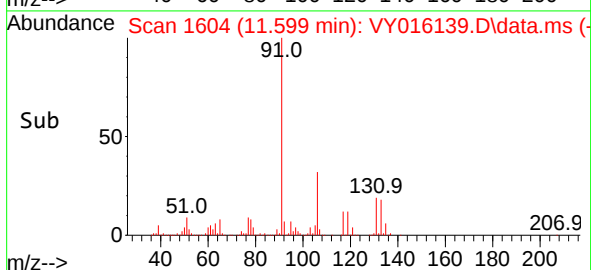
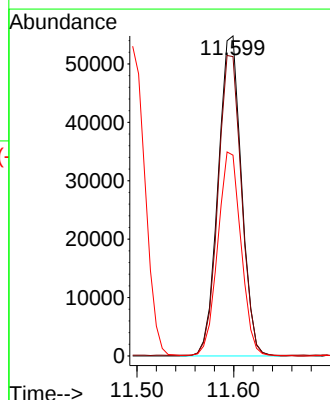
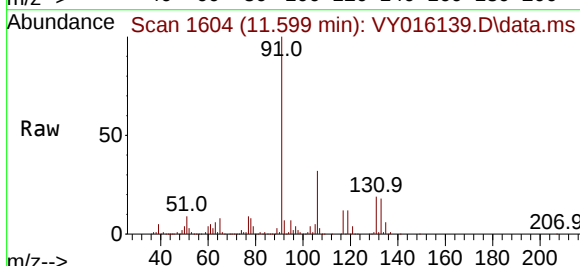
Tgt Ion:131 Resp: 91388

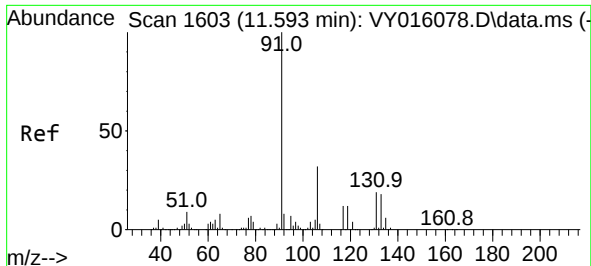
Ion Ratio Lower Upper

131 100

133 94.2 47.5 142.6

119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 46.866 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

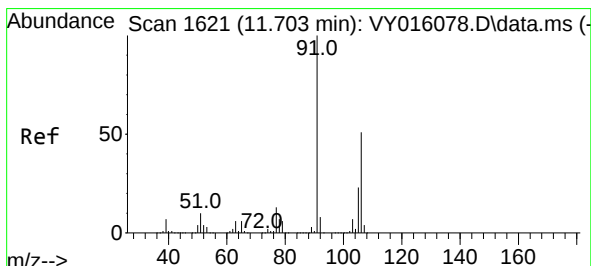
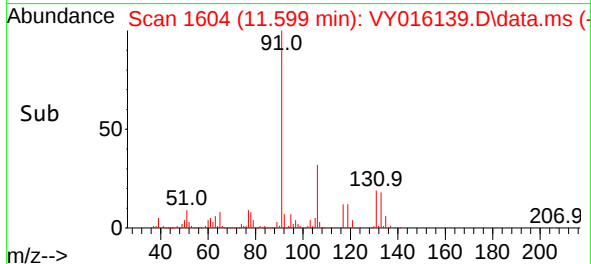
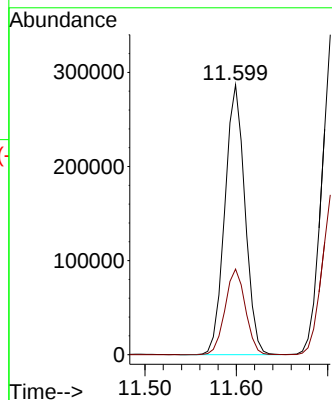
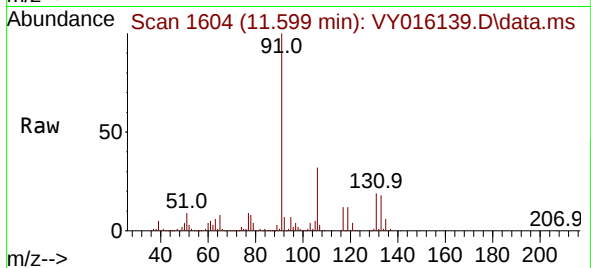
VSTDCCC050EC

Tgt Ion: 91 Resp: 437674

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 94.469 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY016139.D

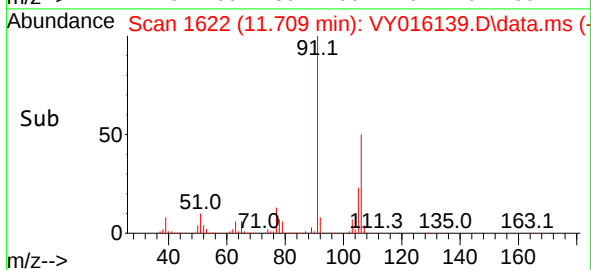
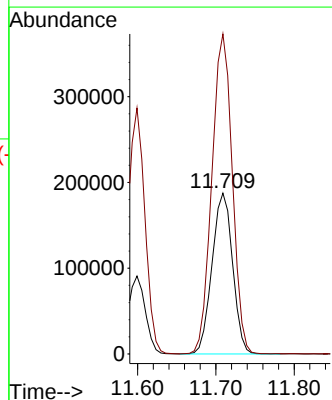
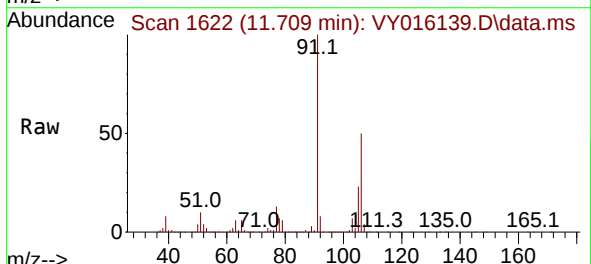
Acq: 30 Oct 2023 18:35

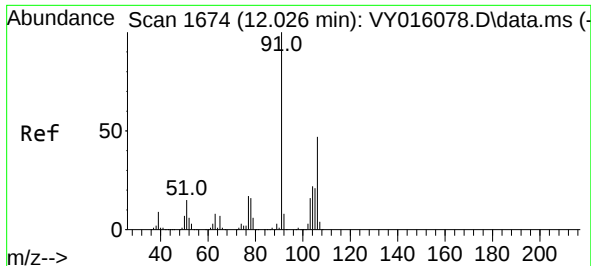
Tgt Ion:106 Resp: 341416

Ion Ratio Lower Upper

106 100

91 197.7 166.1 249.1

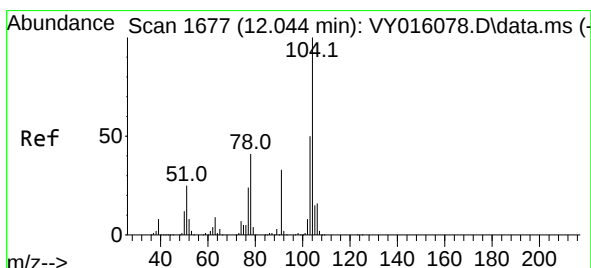
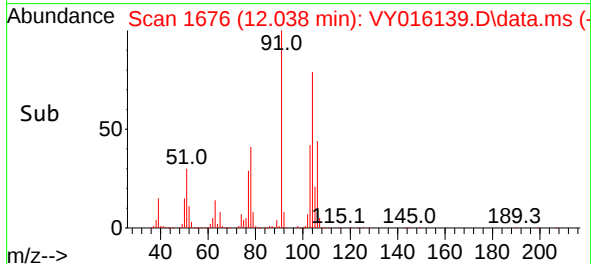
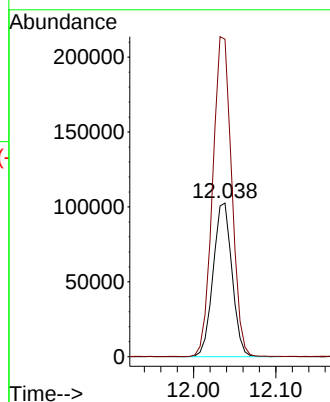
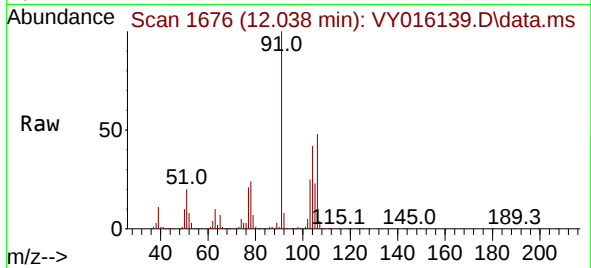




#69
o-Xylene
Concen: 47.262 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

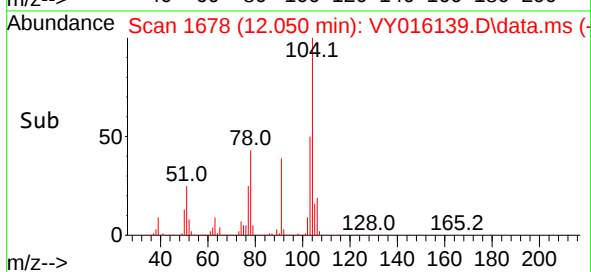
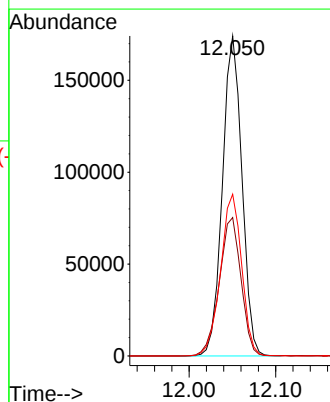
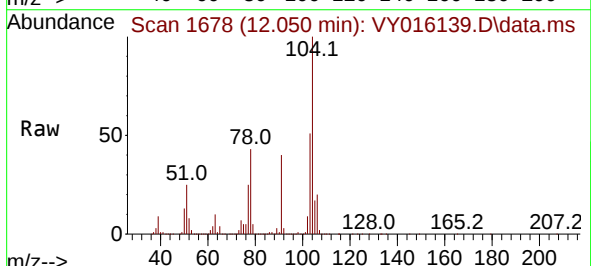
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

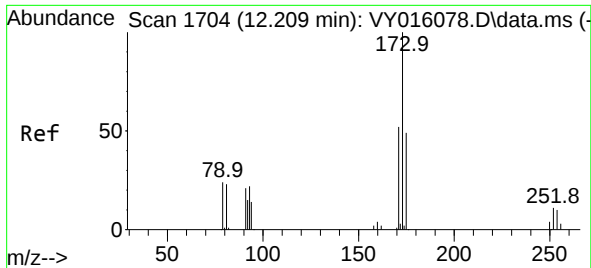
Tgt Ion:106 Resp: 163522
Ion Ratio Lower Upper
106 100
91 209.9 108.1 324.3



#70
Styrene
Concen: 47.280 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion:104 Resp: 272683
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.6 44.6 67.0

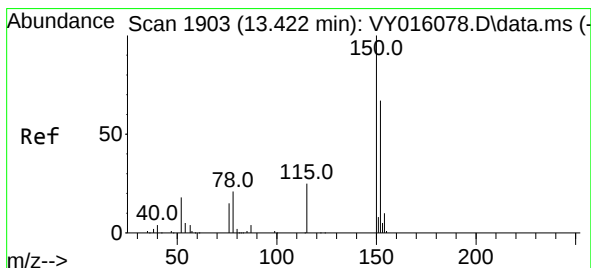
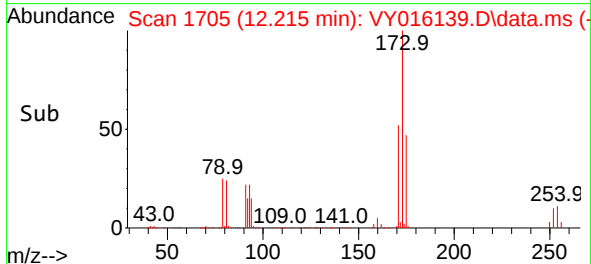
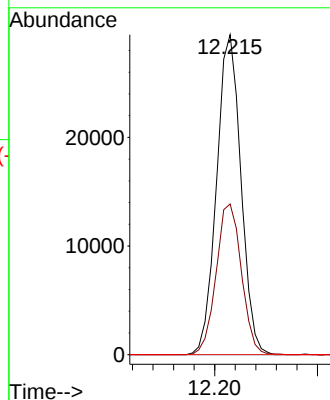
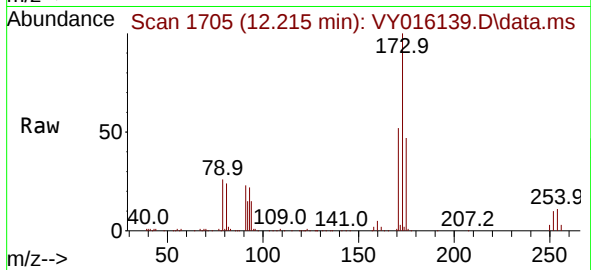




#71
Bromoform
Concen: 40.412 ug/l
RT: 12.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

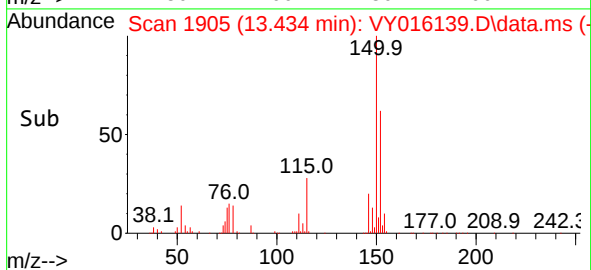
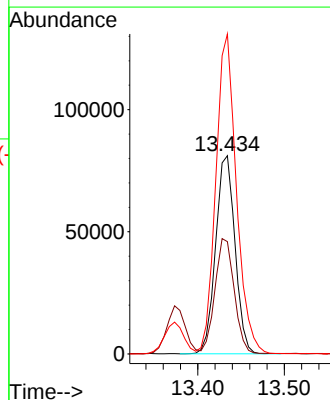
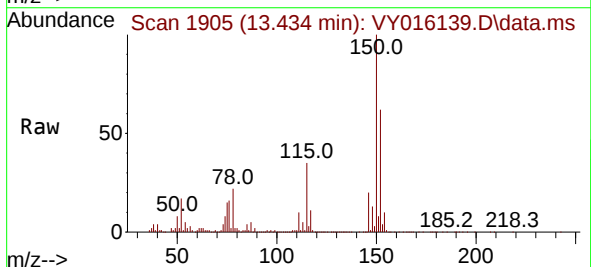
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

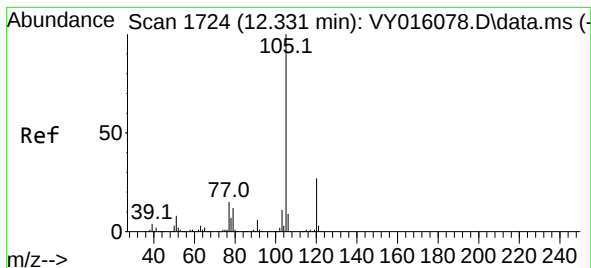
Tgt Ion:173 Resp: 48335
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion:152 Resp: 126048
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 171.3 0.0 348.8





#73

Isopropylbenzene

Concen: 49.030 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

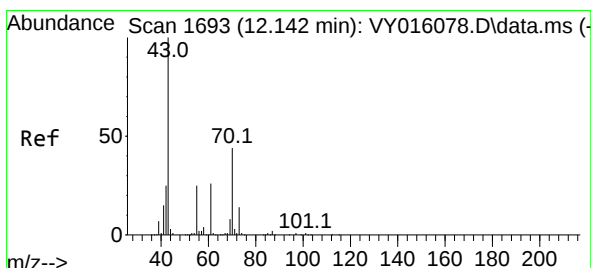
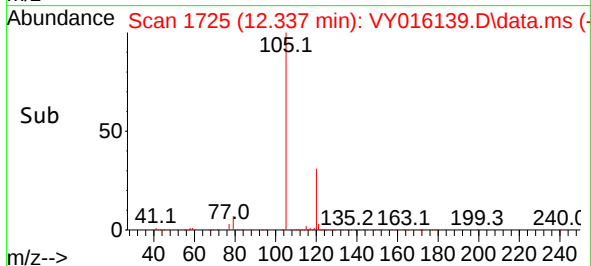
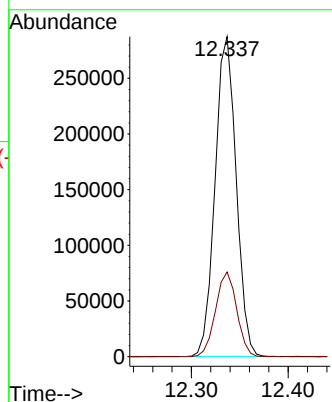
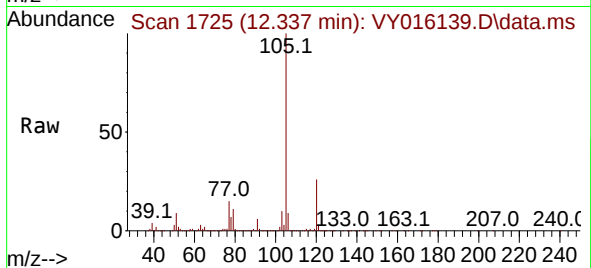
VSTDCCC050EC

Tgt Ion:105 Resp: 434931

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 41.862 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Tgt Ion: 43 Resp: 90548

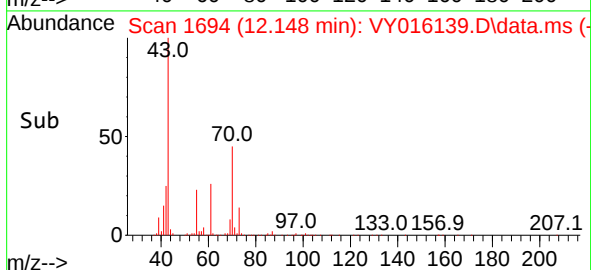
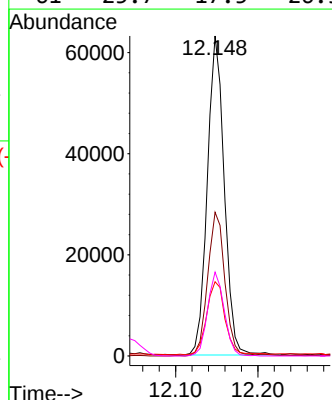
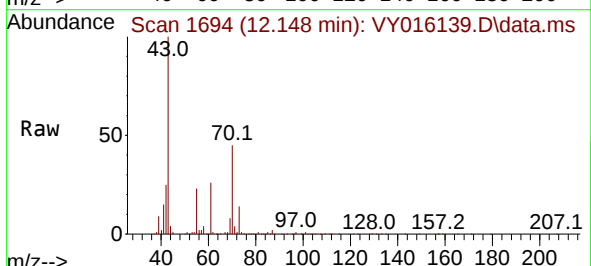
Ion Ratio Lower Upper

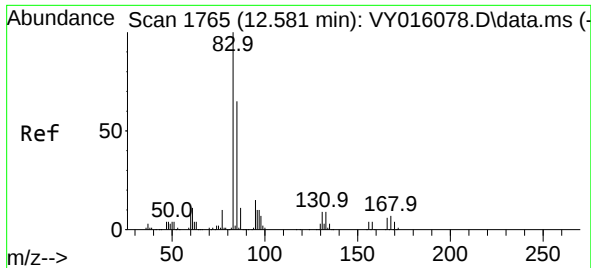
43 100

70 45.7 29.7 44.5

55 24.6 18.3 27.5

61 25.7 17.5 26.3

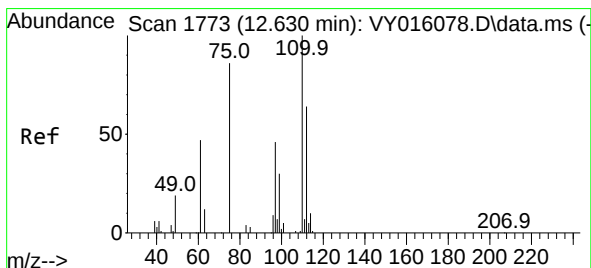
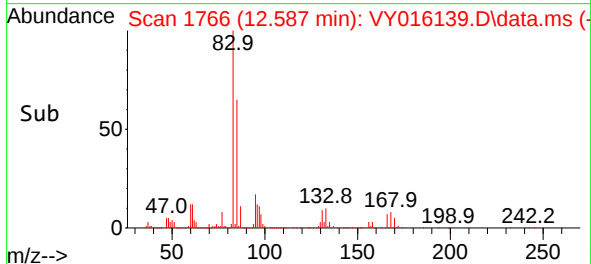
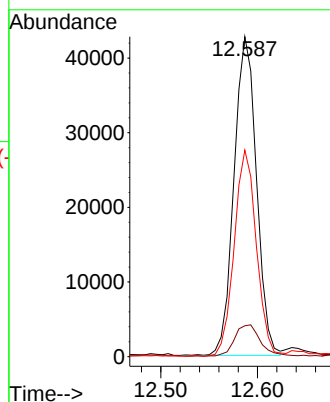
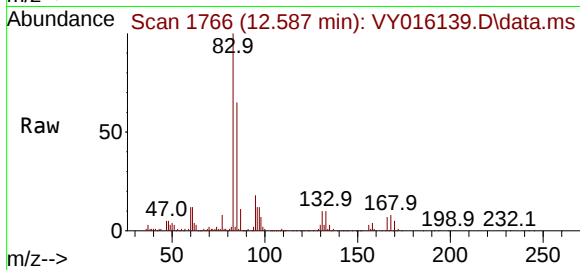




#75
 1,1,2,2-Tetrachloroethane
 Concen: 38.041 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.006 min
 Lab File: VY016139.D
 Acq: 30 Oct 2023 18:35

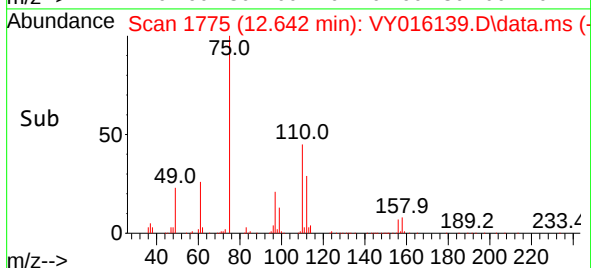
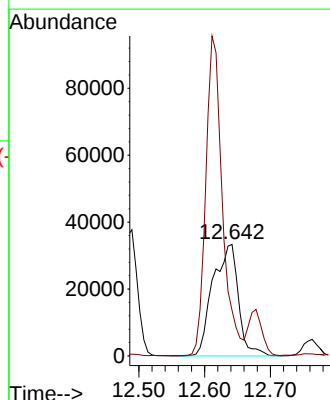
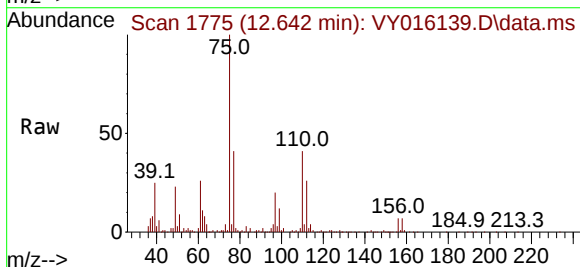
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

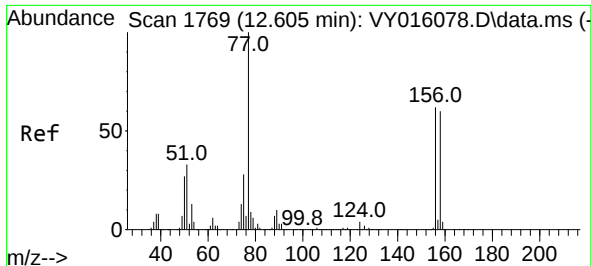
Tgt Ion: 83 Resp: 68982
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.4 16.2
 85 63.7 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 70.163 ug/l
 RT: 12.642 min Scan# 1775
 Delta R.T. 0.012 min
 Lab File: VY016139.D
 Acq: 30 Oct 2023 18:35

Tgt Ion: 75 Resp: 90293
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

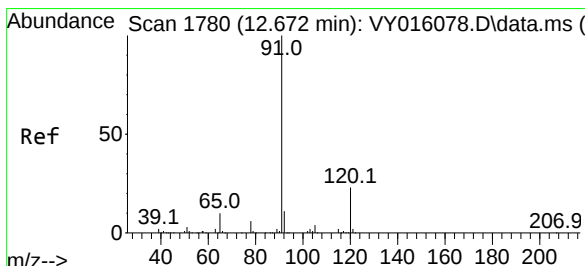
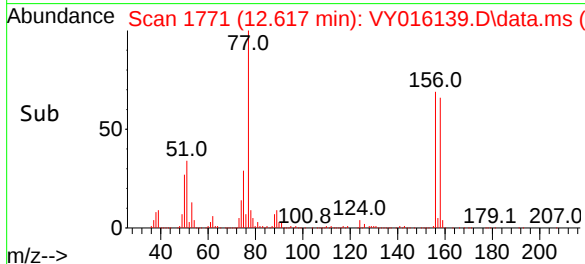
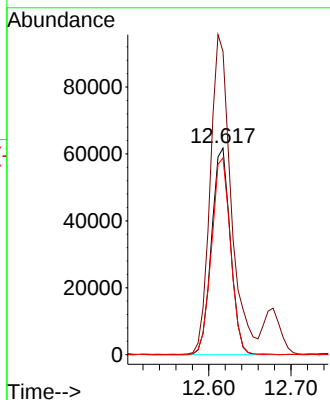
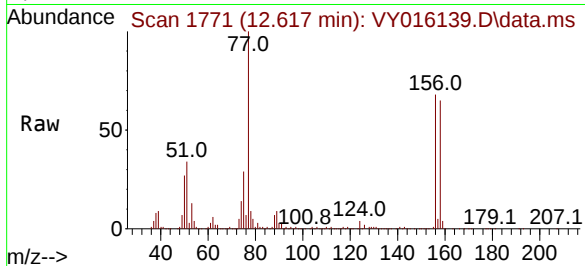




#77
Bromobenzene
Concen: 47.467 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

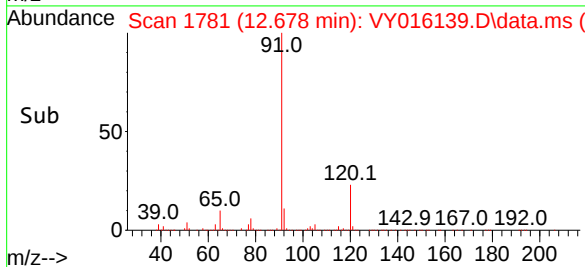
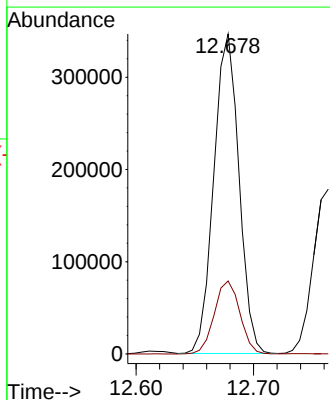
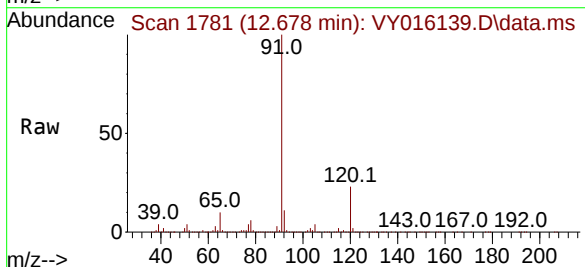
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

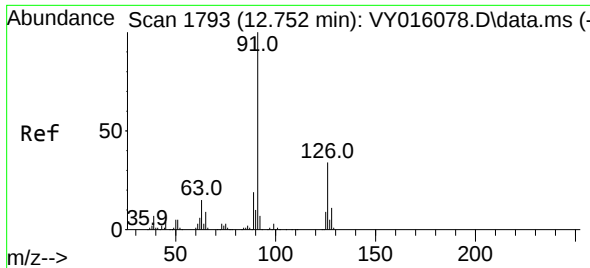
Tgt Ion:156 Resp: 98270
Ion Ratio Lower Upper
156 100
77 171.1 92.8 278.6
158 96.1 48.4 145.3



#78
n-propylbenzene
Concen: 48.035 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 91 Resp: 515936
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4

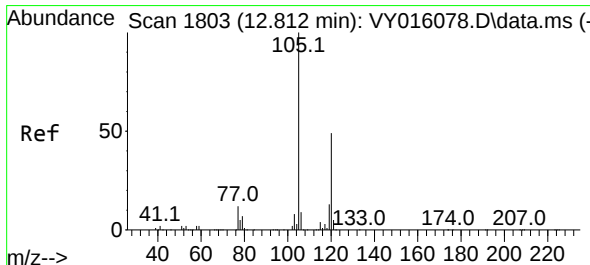
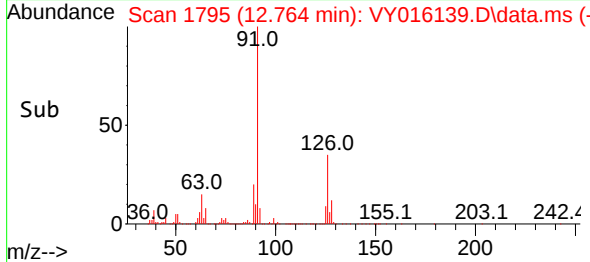
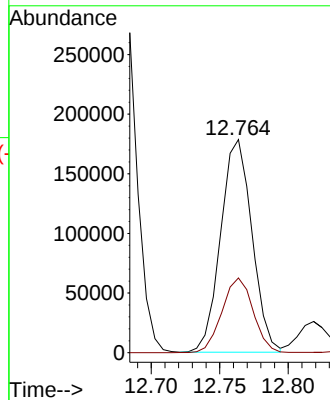
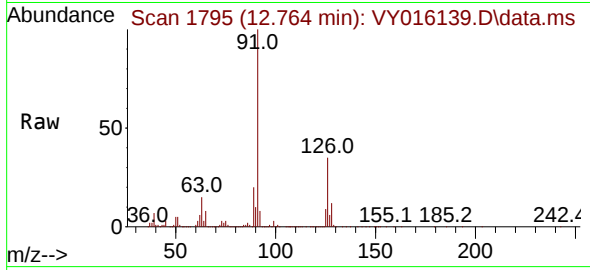




#79
2-Chlorotoluene
Concen: 47.187 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

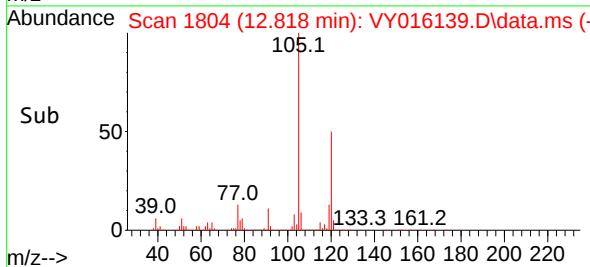
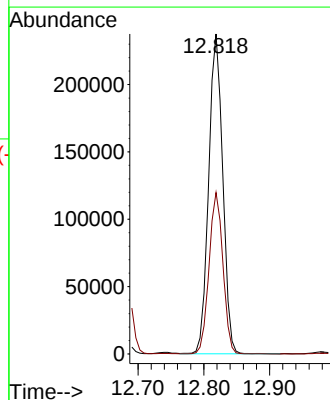
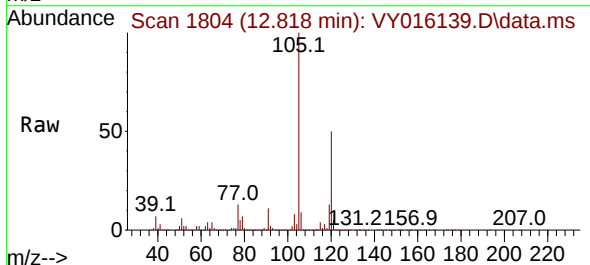
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

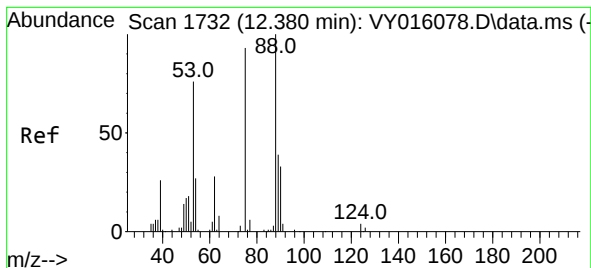
Tgt Ion: 91 Resp: 283850
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.954 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 105 Resp: 353184
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

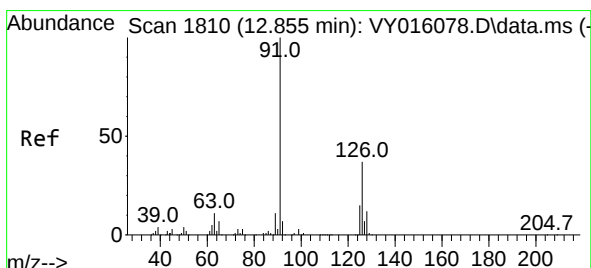
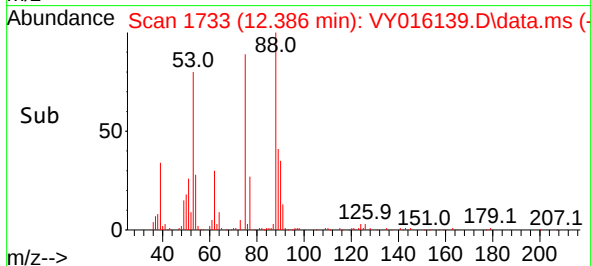
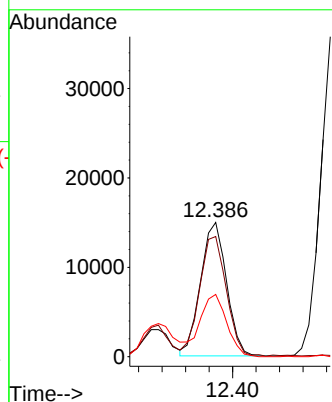
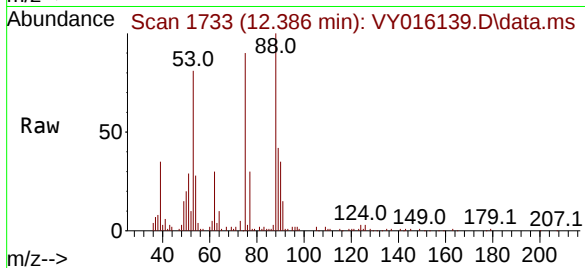




#81
trans-1,4-Dichloro-2-butene
Concen: 38.763 ug/l
RT: 12.386 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

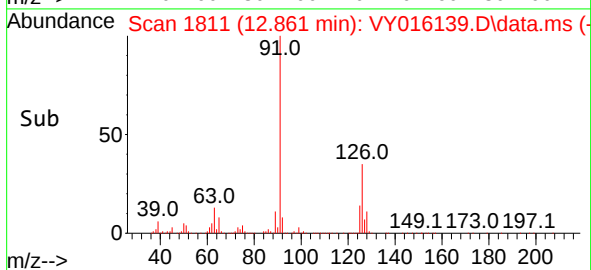
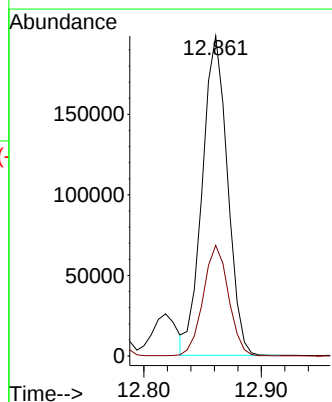
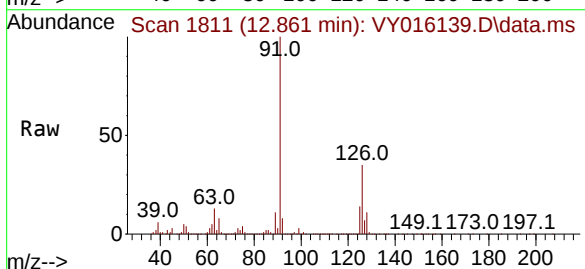
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

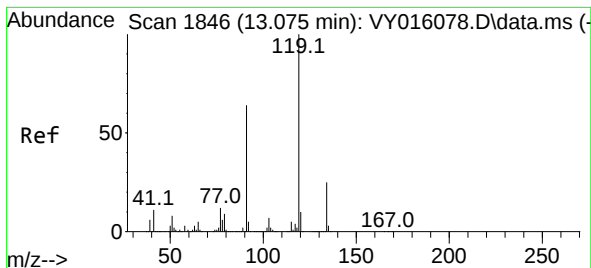
Tgt Ion: 75 Resp: 22955
Ion Ratio Lower Upper
75 100
53 92.6 77.8 116.8
89 49.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.388 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 91 Resp: 295628
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.304 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

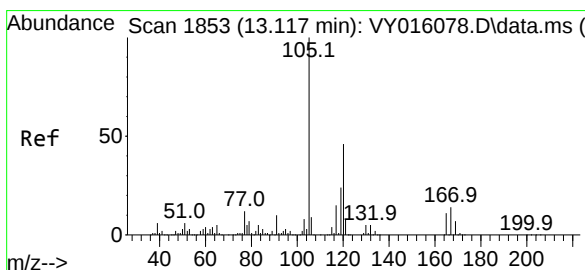
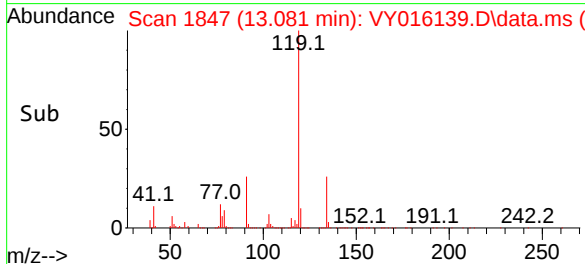
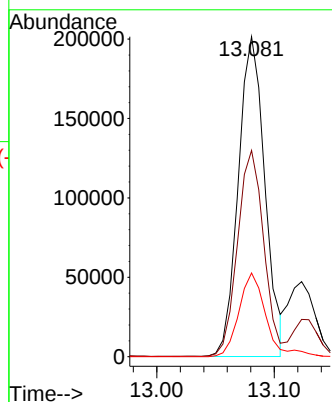
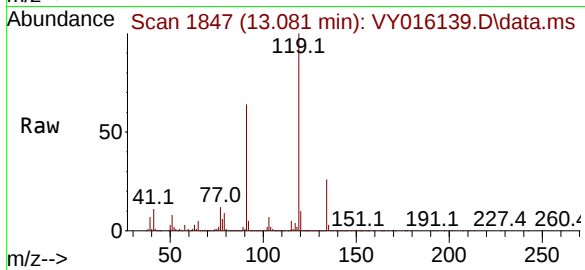
Tgt Ion:119 Resp: 316229

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 47.592 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016139.D

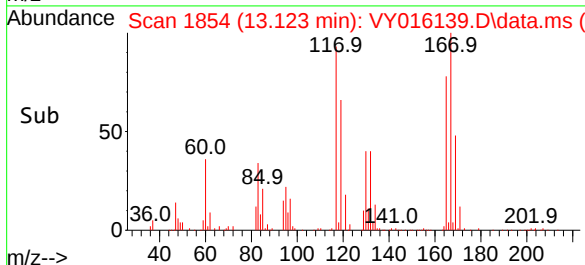
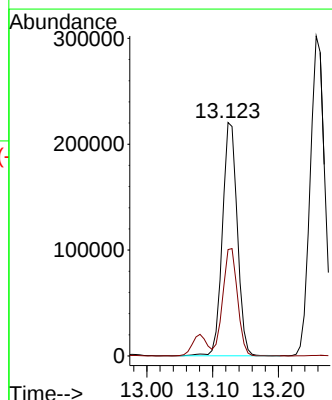
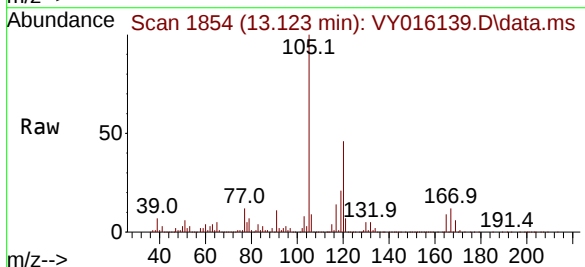
Acq: 30 Oct 2023 18:35

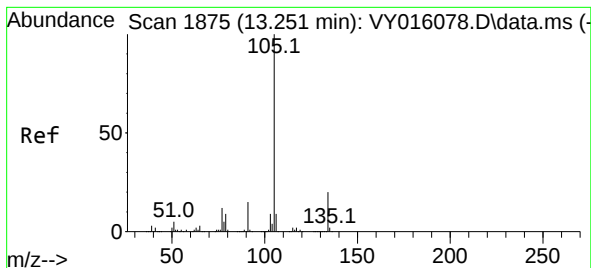
Tgt Ion:105 Resp: 346182

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.422 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

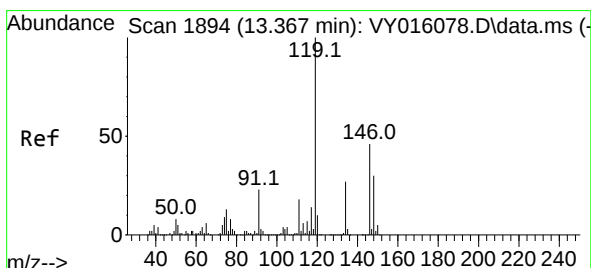
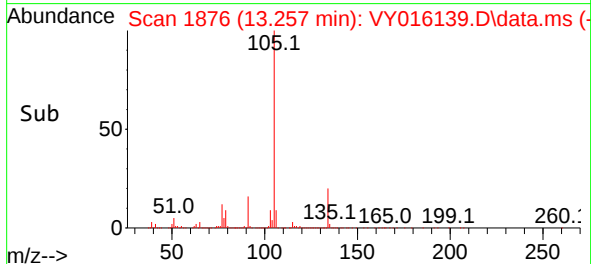
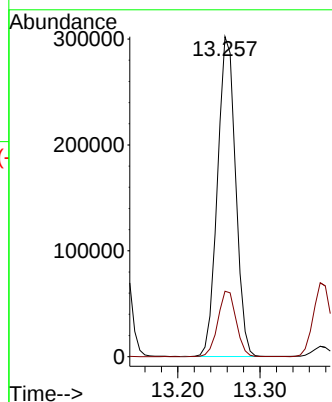
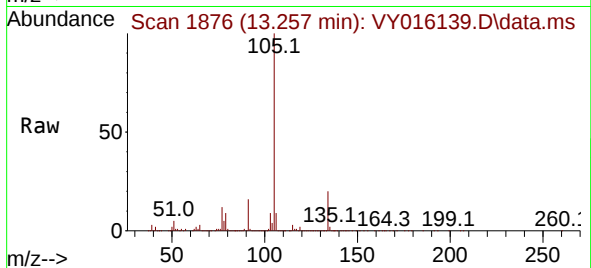
VSTDCCC050EC

Tgt Ion:105 Resp: 462395

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.130 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

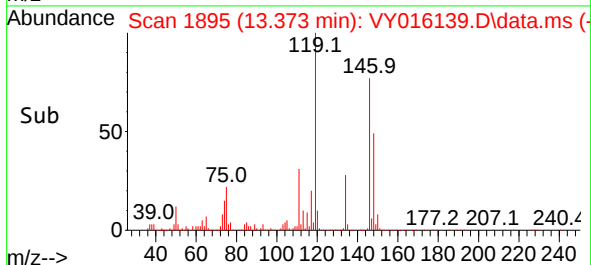
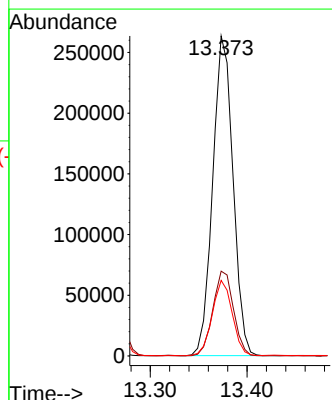
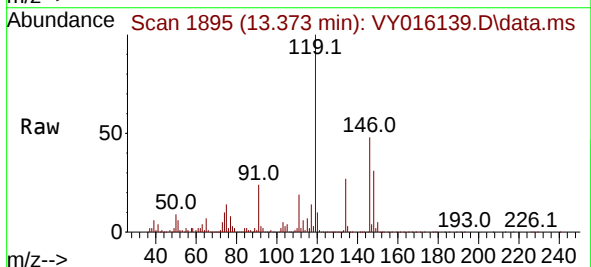
Tgt Ion:119 Resp: 383460

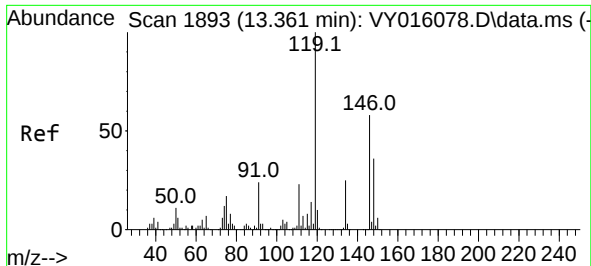
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.876 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

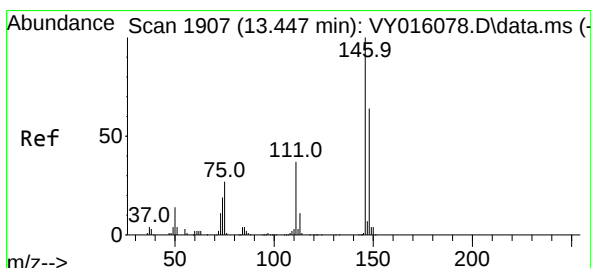
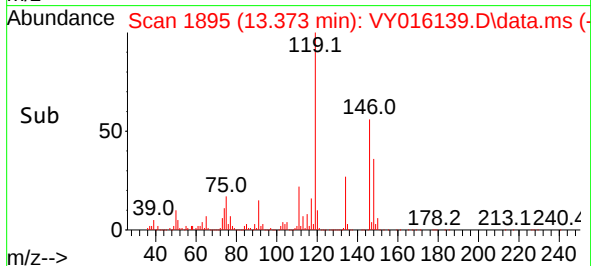
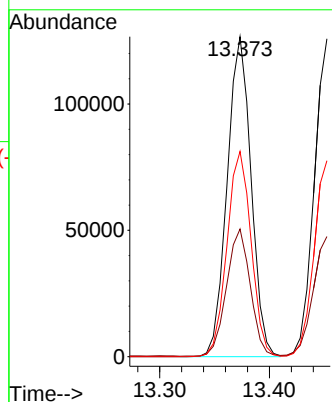
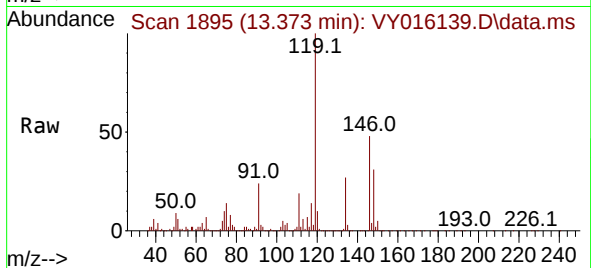
Tgt Ion:146 Resp: 191782

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 64.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.018 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

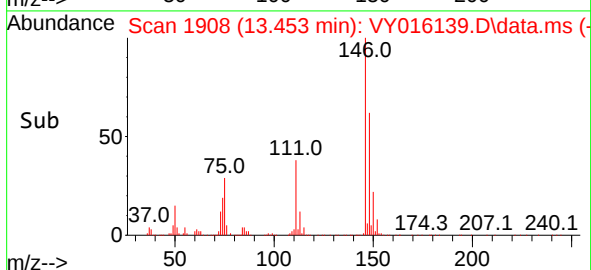
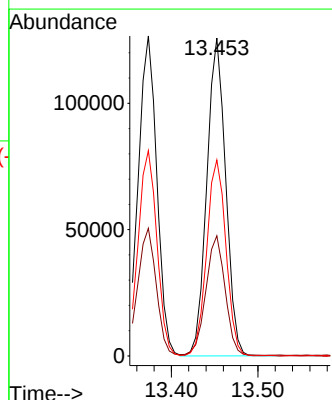
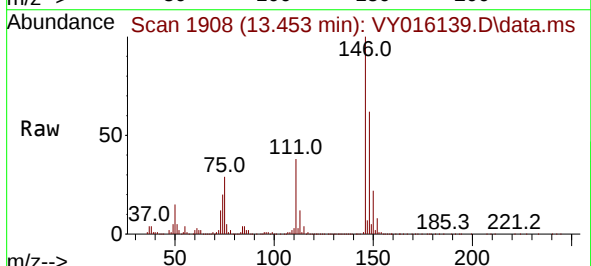
Tgt Ion:146 Resp: 190125

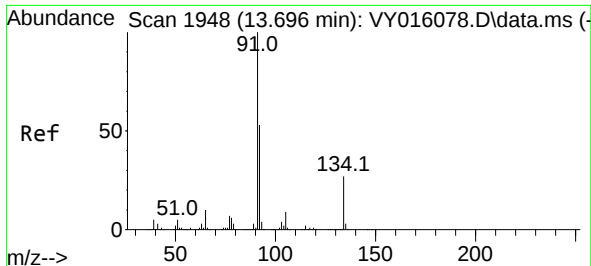
Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 63.0 32.1 96.5

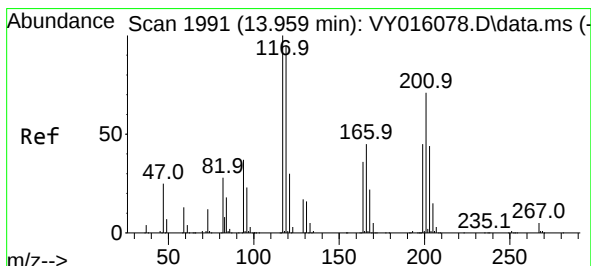
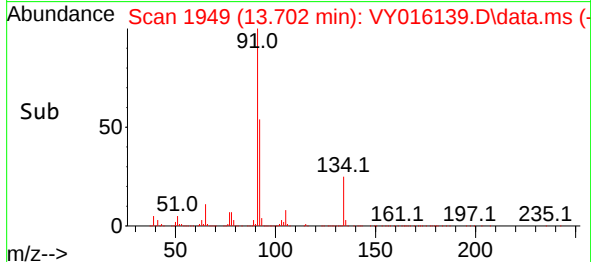
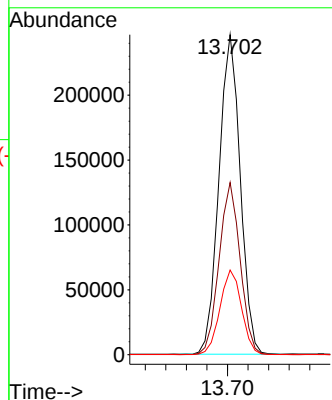
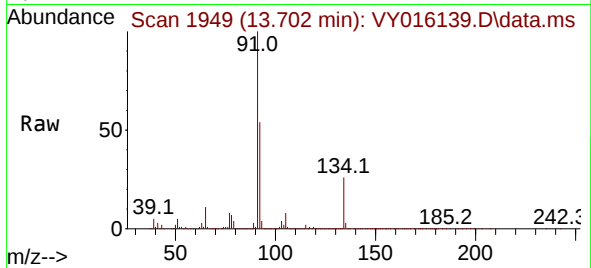




#89
n-Butylbenzene
Concen: 46.608 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

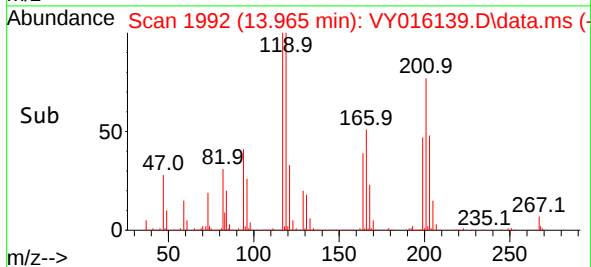
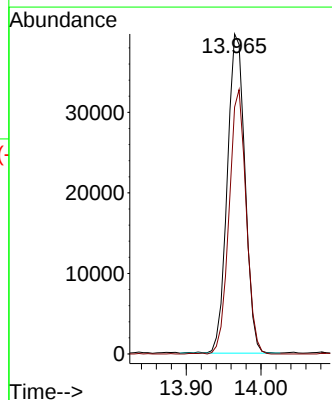
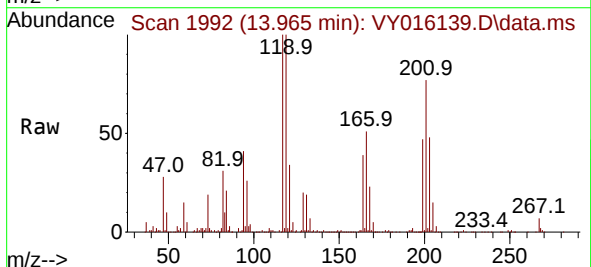
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

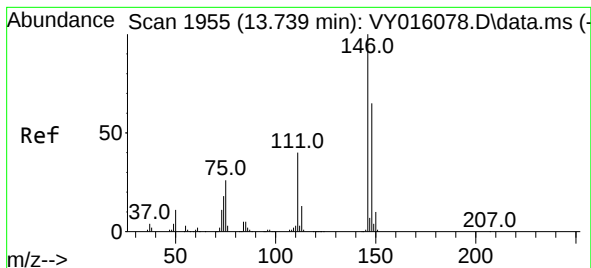
Tgt Ion: 91 Resp: 353740
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 26.9 12.6 37.6



#90
Hexachloroethane
Concen: 41.329 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY016139.D
Acq: 30 Oct 2023 18:35

Tgt Ion: 117 Resp: 65466
Ion Ratio Lower Upper
117 100
201 79.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 45.050 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

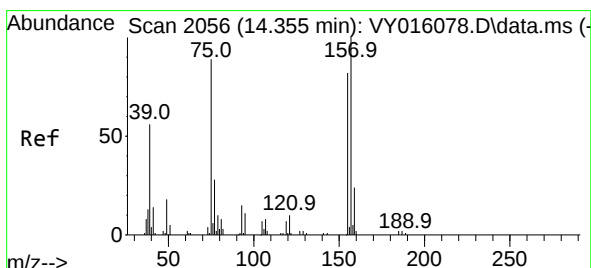
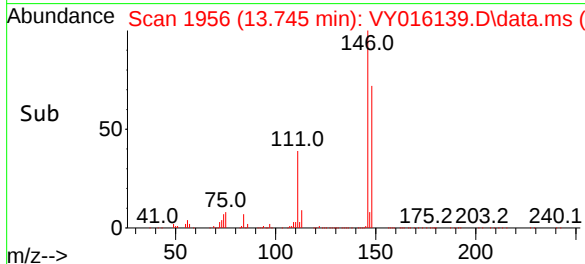
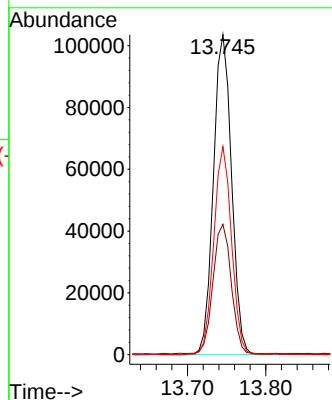
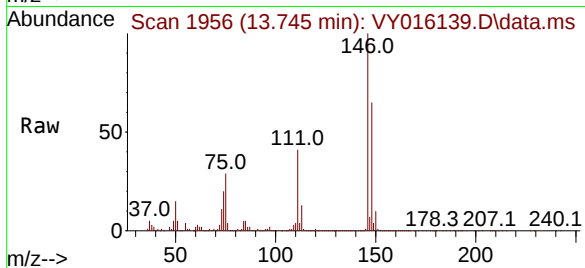
Tgt Ion:146 Resp: 166745

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.272 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

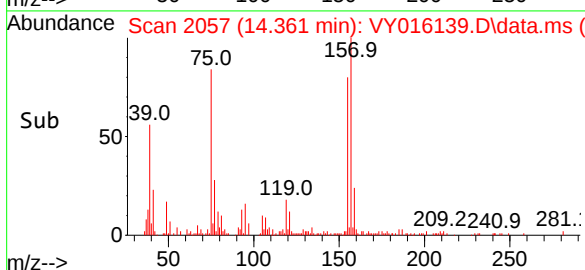
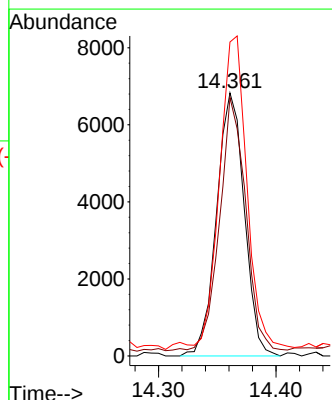
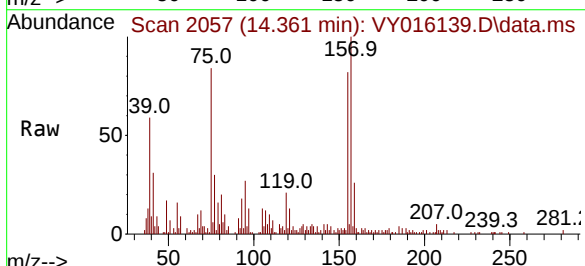
Tgt Ion: 75 Resp: 11180

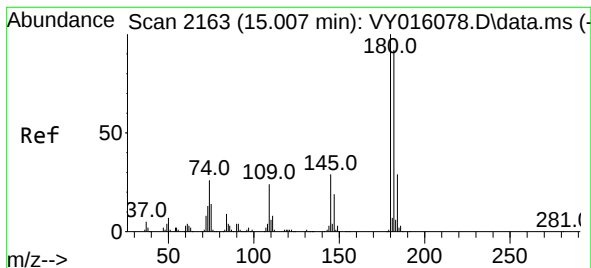
Ion Ratio Lower Upper

75 100

155 90.4 41.5 124.6

157 116.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.185 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

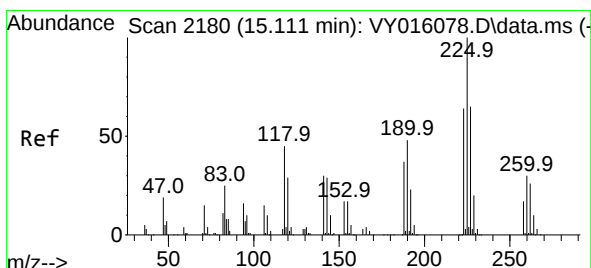
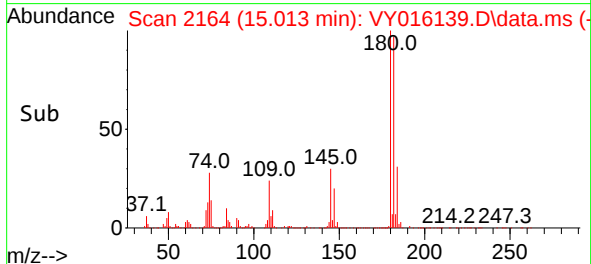
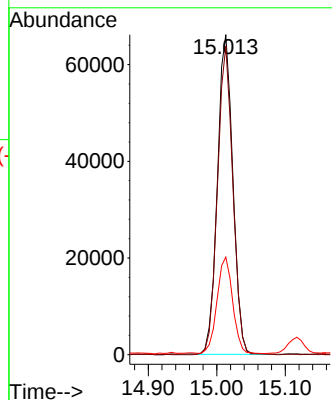
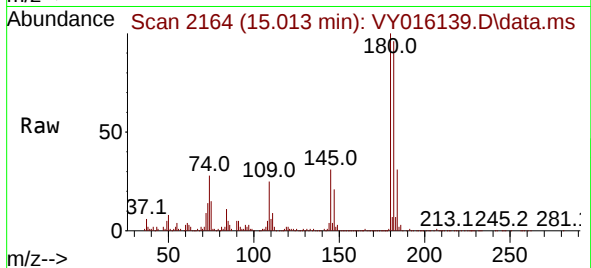
Tgt Ion:180 Resp: 103466

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 43.283 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

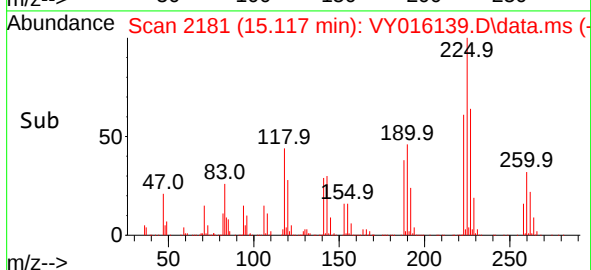
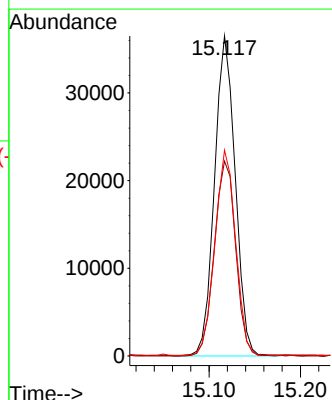
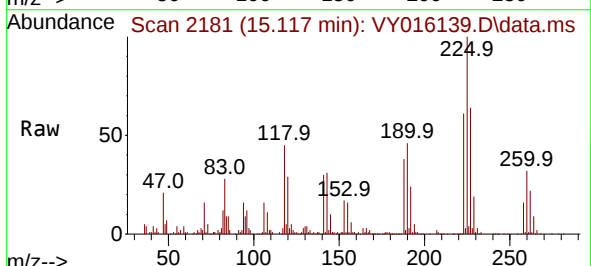
Tgt Ion:225 Resp: 57524

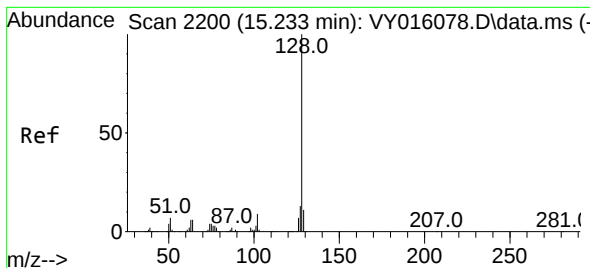
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 43.542 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

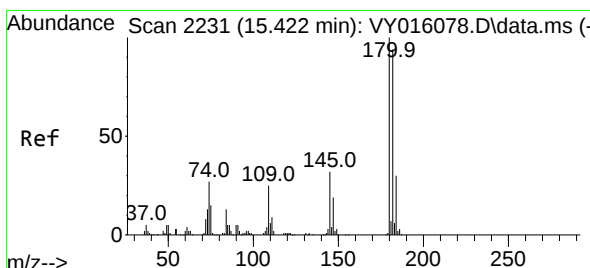
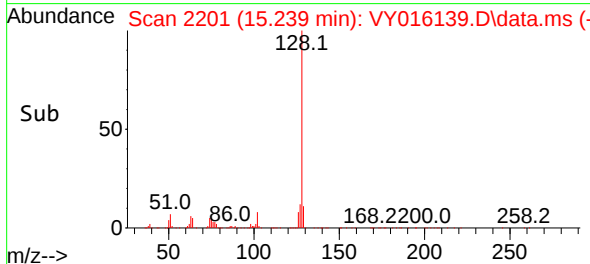
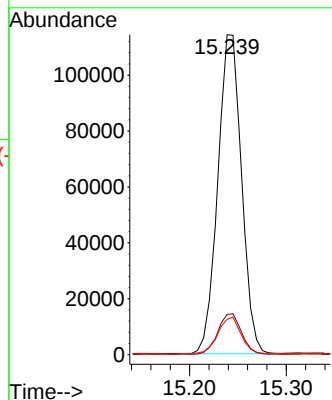
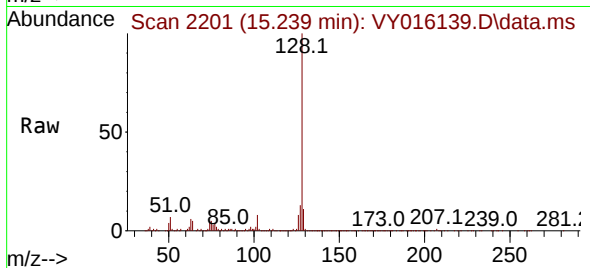
Tgt Ion:128 Resp: 194449

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.191 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016139.D

Acq: 30 Oct 2023 18:35

Tgt Ion:180 Resp: 87265

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 32.5 15.4 46.2

