

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017240.D
 Acq On : 05 Feb 2024 19:35
 Operator : SY/MD
 Sample : P1141-11
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-2-0-2D

Quant Time: Feb 06 01:04:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	55436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	114417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	102831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	38064	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20793	41.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.980%
35) Dibromofluoromethane	7.722	113	24809	40.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.320%
50) Toluene-d8	10.191	98	101268	45.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.489	95	28405	38.551	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.100%

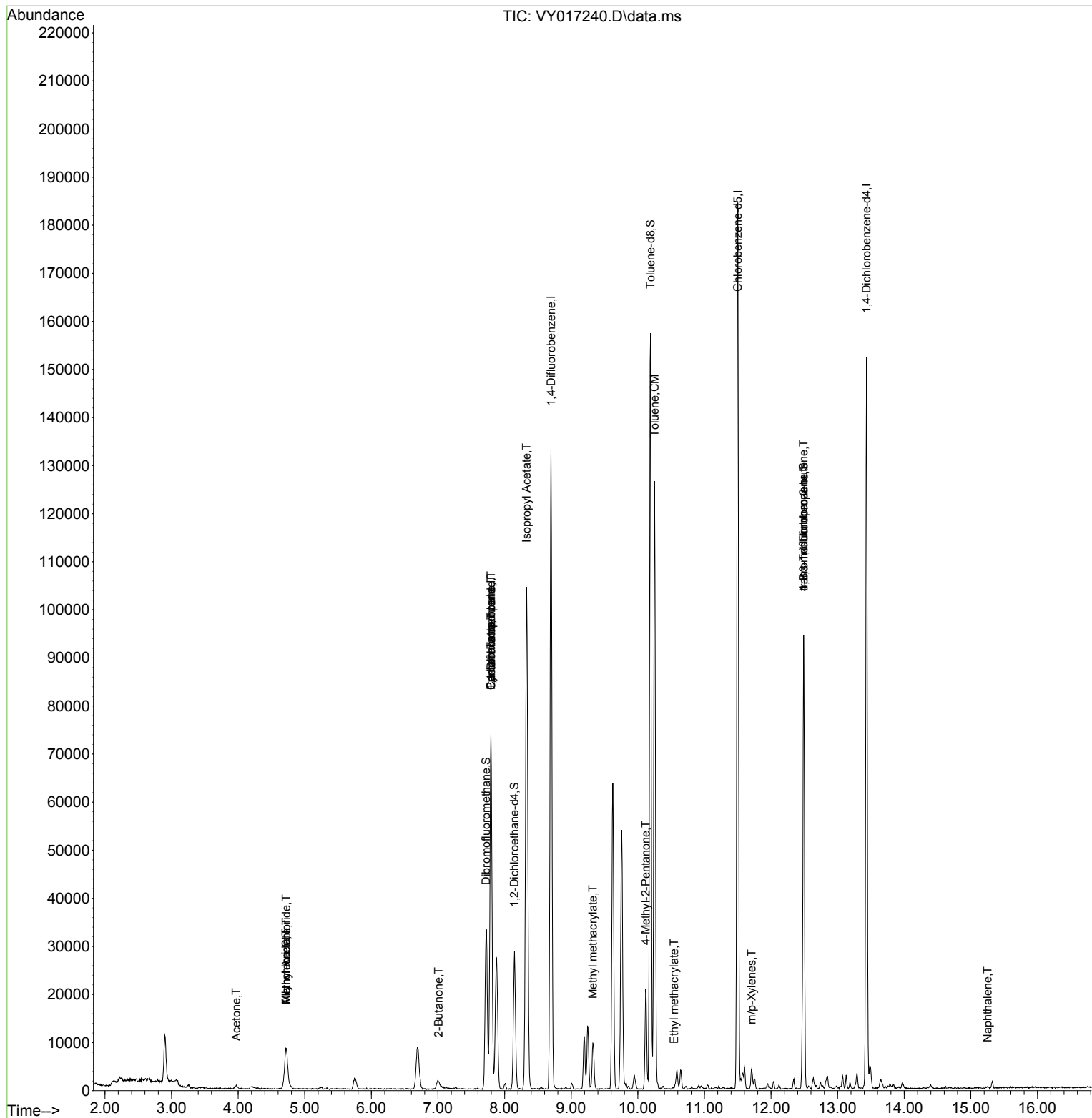
Target Compounds					Qvalue	
14) Allyl chloride	4.716	41	1194	1.470	ug/l #	41
16) Acetone	3.972	43	1351	9.282	ug/l	88
18) Methyl Acetate	4.722	43	2279	7.019	ug/l #	51
20) Methylene Chloride	4.722	84	5705	6.524	ug/l #	89
25) 2-Butanone	7.008	43	345	1.783	ug/l #	48
31) Cyclohexane	7.795	56	1489	1.492	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	4670	4.382	ug/l #	49
38) Carbon Tetrachloride	7.795	117	5515	5.405	ug/l #	16
43) Isopropyl Acetate	8.331	43	19418	22.194	ug/l #	51
48) Methyl methacrylate	9.325	41	2595	6.323	ug/l #	34
51) 4-Methyl-2-Pentanone	10.118	43	2436	5.194	ug/l #	78
52) Toluene	10.252	92	52086	28.356	ug/l	99
56) Ethyl methacrylate	10.544	69	19	3.029	ug/l #	1
68) m/p-Xylenes	11.709	106	1451	1.066	ug/l	98
76) 1,2,3-Trichloropropane	12.489	75	14967	42.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	14967	88.520	ug/l #	13
95) Naphthalene	15.251	128	439	3.830	ug/l #	69

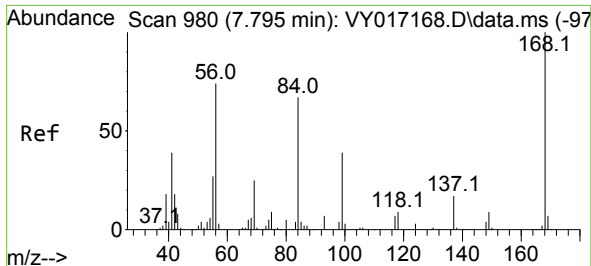
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017240.D
Acq On : 05 Feb 2024 19:35
Operator : SY/MD
Sample : P1141-11
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

Quant Time: Feb 06 01:04:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

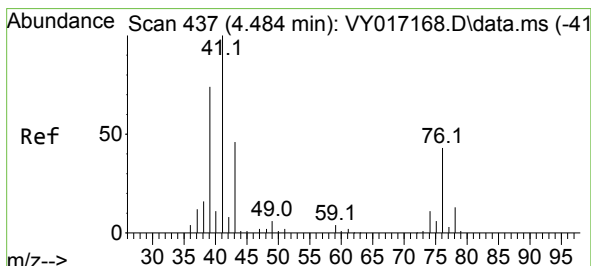
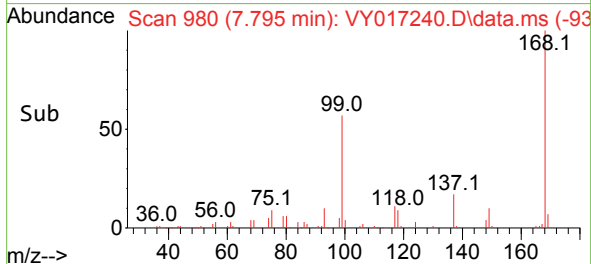
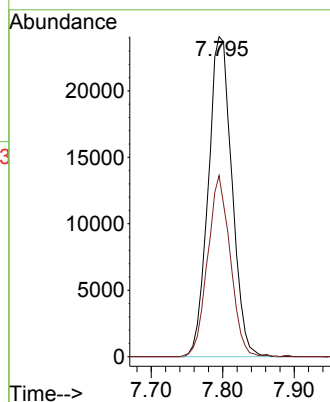
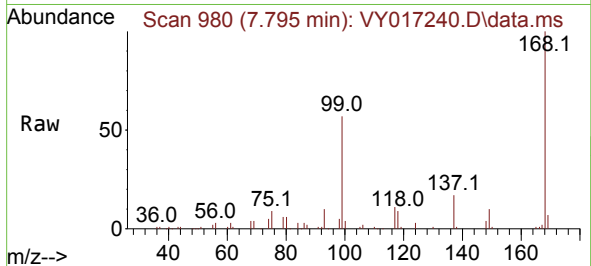




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

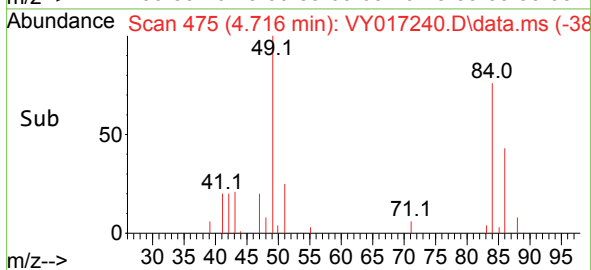
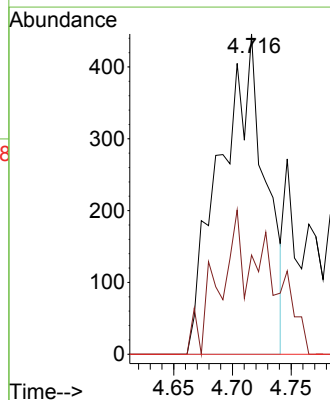
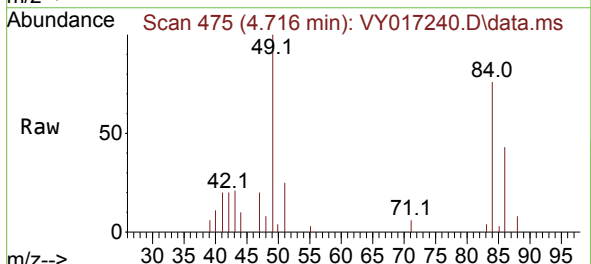
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

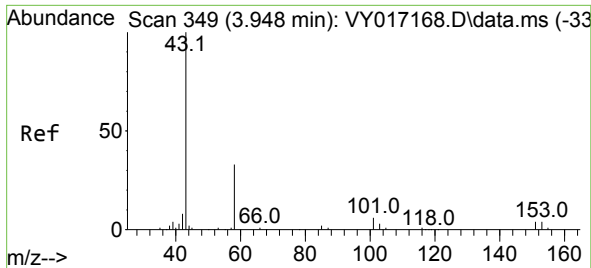
Tgt Ion:168 Resp: 55436
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#14
Allyl chloride
Concen: 1.470 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.232 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Tgt Ion: 41 Resp: 1194
Ion Ratio Lower Upper
41 100
39 23.7 54.7 82.1#
76 0.0 31.8 47.6#





#16

Acetone

Concen: 9.282 ug/l

RT: 3.972 min Scan# 3

Delta R.T. 0.025 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

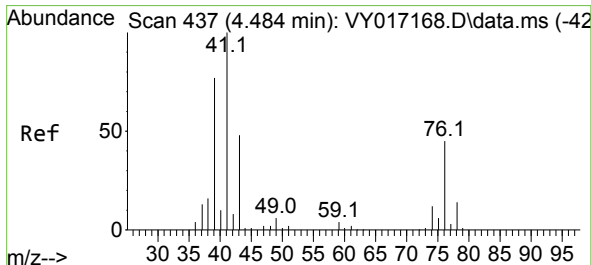
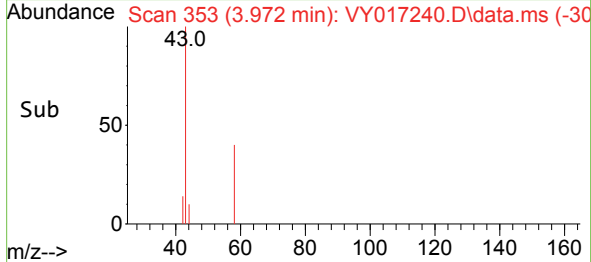
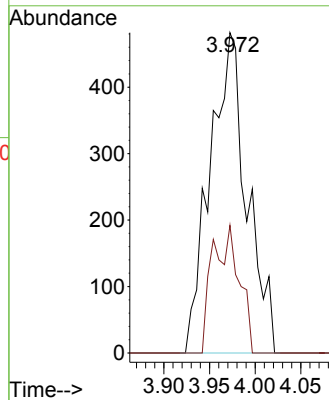
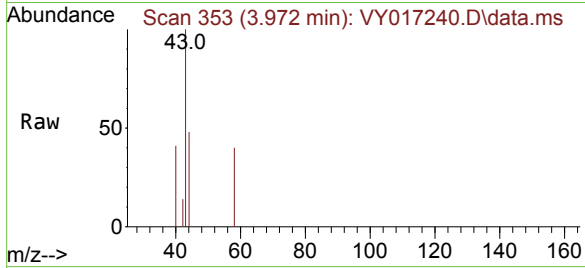
EB-2-0-2D

Tgt Ion: 43 Resp: 1351

Ion Ratio Lower Upper

43 100

58 39.8 26.6 39.8



#18

Methyl Acetate

Concen: 7.019 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.238 min

Lab File: VY017240.D

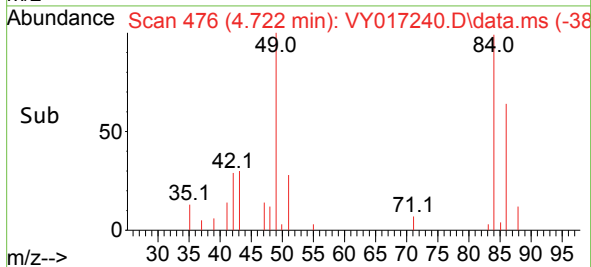
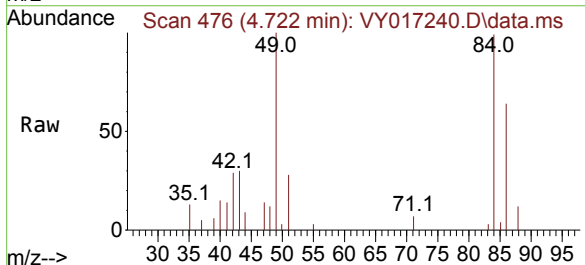
Acq: 05 Feb 2024 19:35

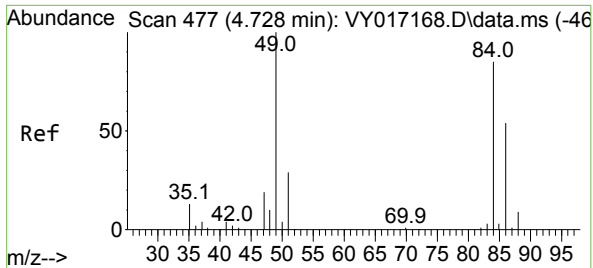
Tgt Ion: 43 Resp: 2279

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.6#

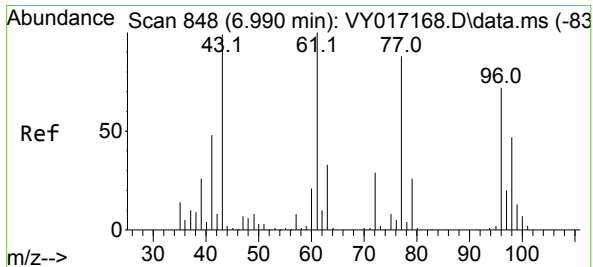
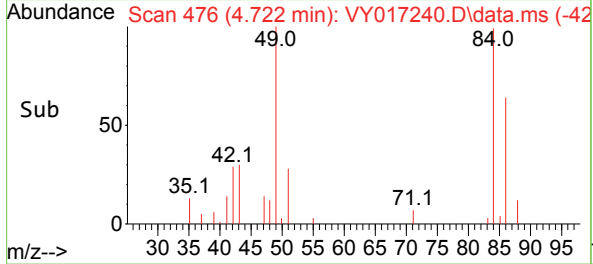
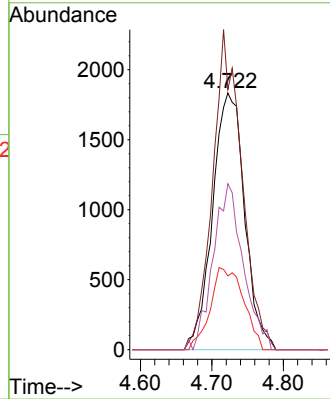
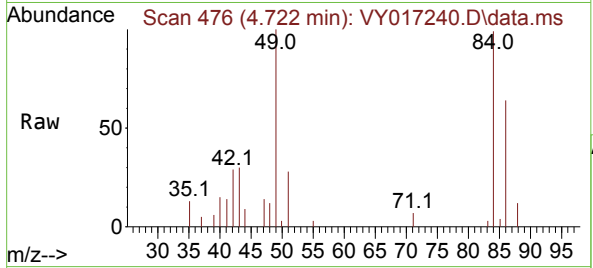




#20
Methylene Chloride
Concen: 6.524 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

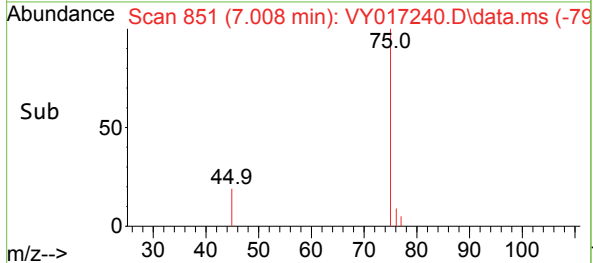
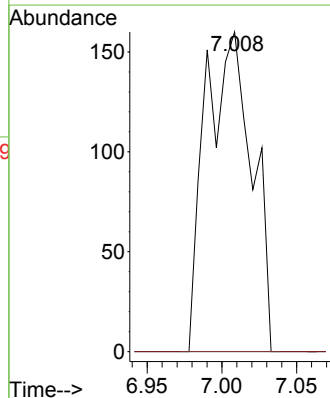
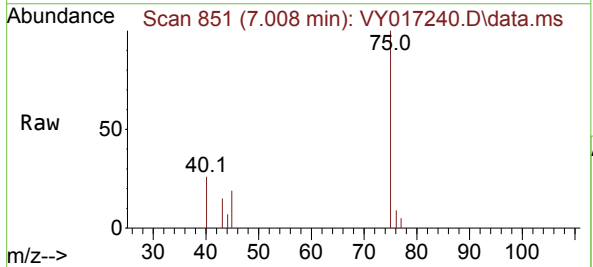
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

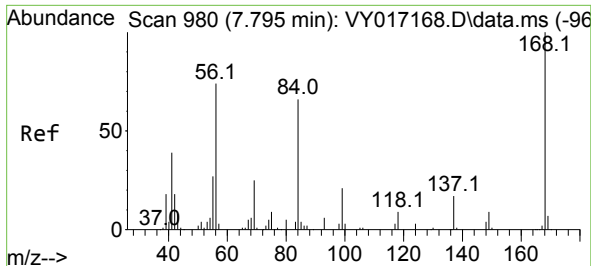
Tgt Ion: 84	Resp: 5705
Ion Ratio	Lower Upper
84 100	
49 101.4	95.2 142.8
51 28.8	29.9 44.9#
86 64.6	52.2 78.4



#25
2-Butanone
Concen: 1.783 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.019 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Tgt Ion: 43	Resp: 345
Ion Ratio	Lower Upper
43 100	
72 0.0	21.4 32.2#

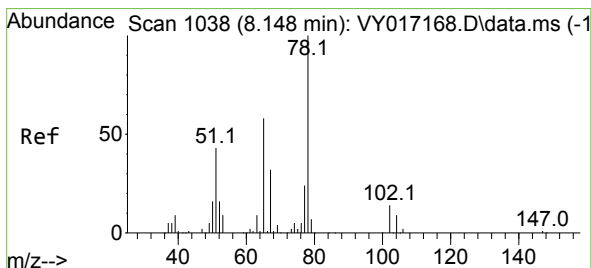
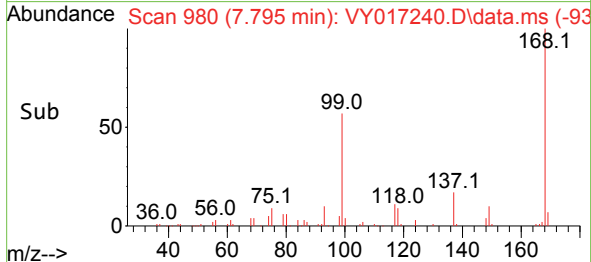
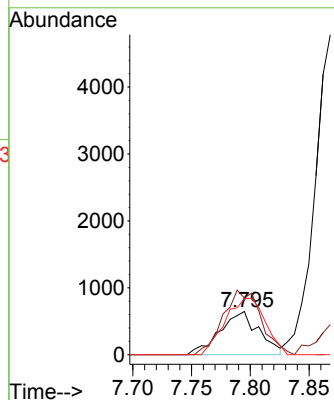
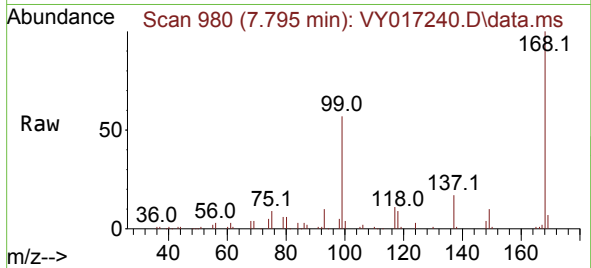




#31
Cyclohexane
Concen: 1.492 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

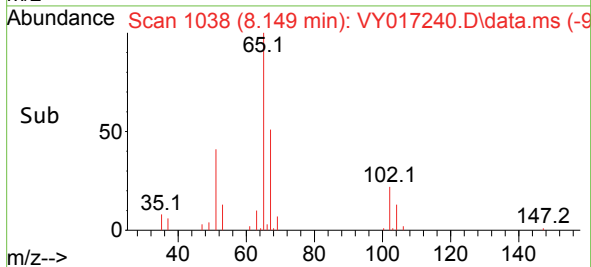
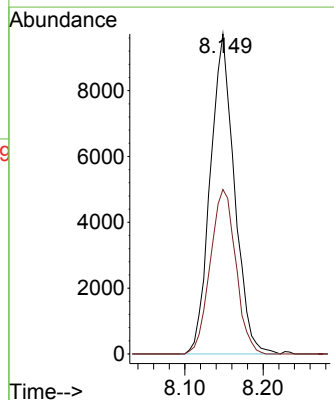
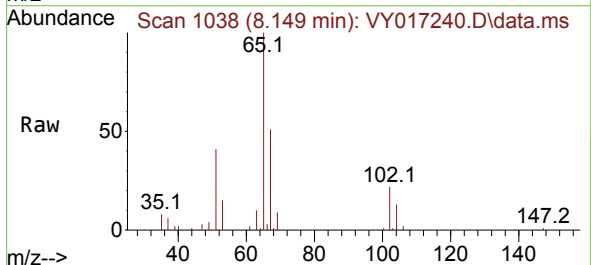
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

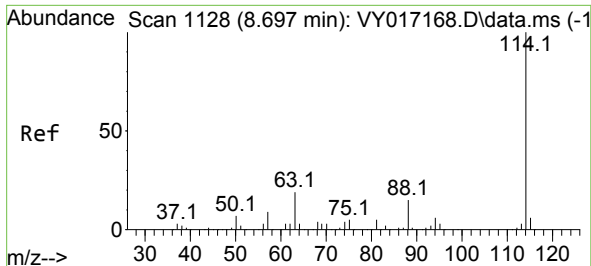
Tgt Ion: 56 Resp: 1489
Ion Ratio Lower Upper
56 100
69 131.4 27.0 40.6#
84 128.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 41.986 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Tgt Ion: 65 Resp: 20793
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-0-2D

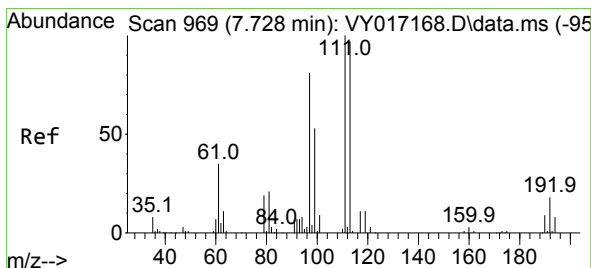
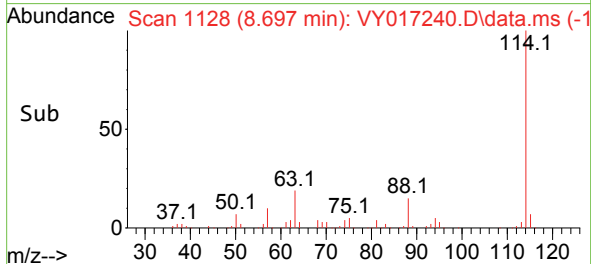
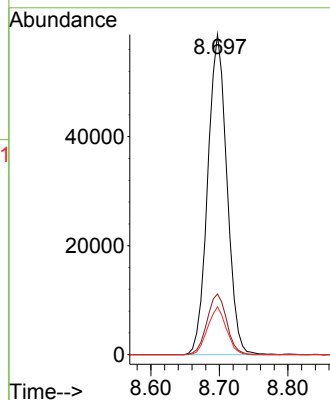
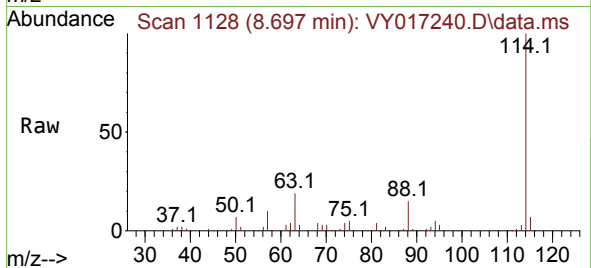
Tgt Ion:114 Resp: 114417

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.158 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

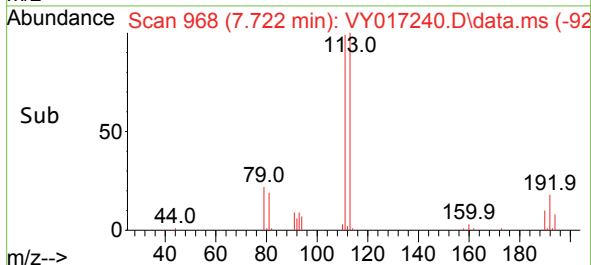
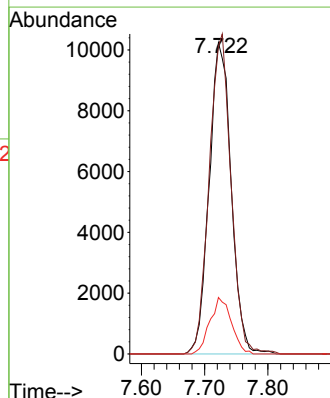
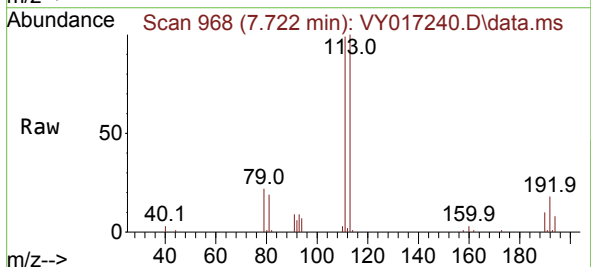
Tgt Ion:113 Resp: 24809

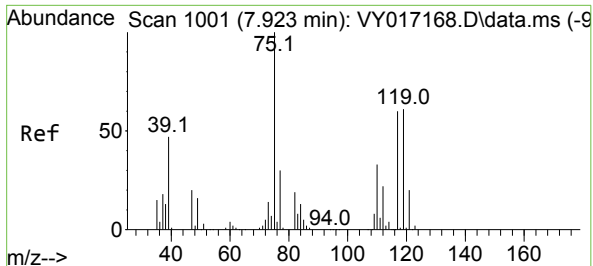
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.7 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.382 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-0-2D

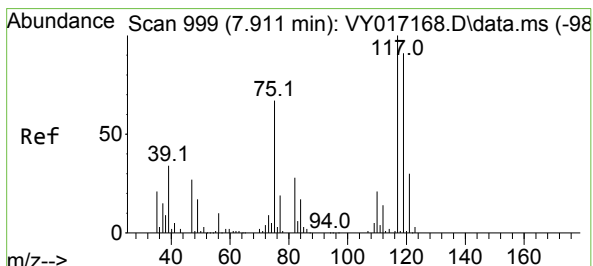
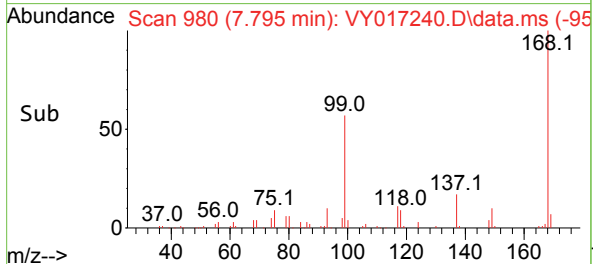
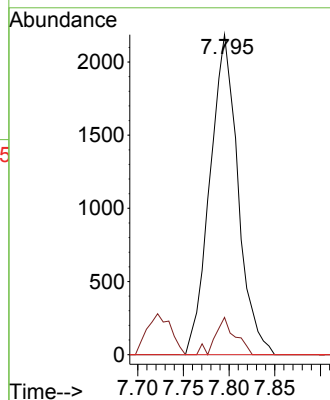
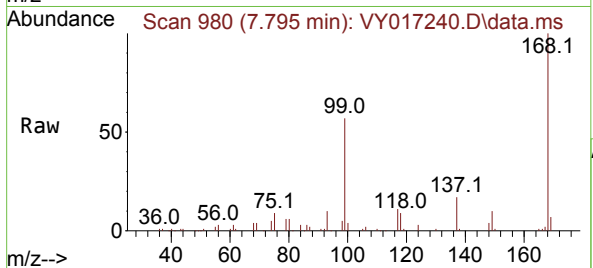
Tgt Ion: 75 Resp: 4670

Ion Ratio Lower Upper

75 100

110 8.2 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.405 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

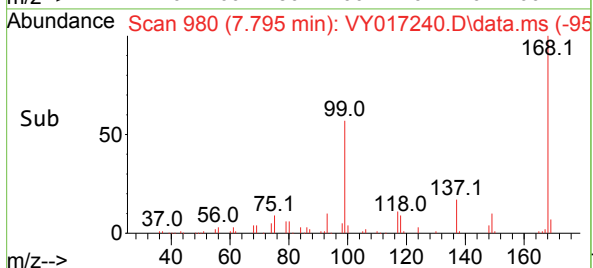
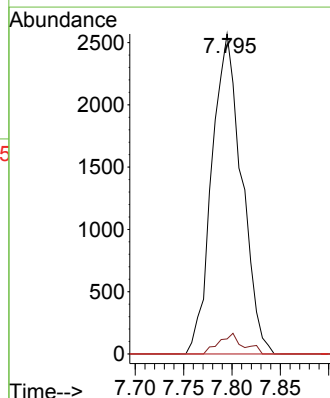
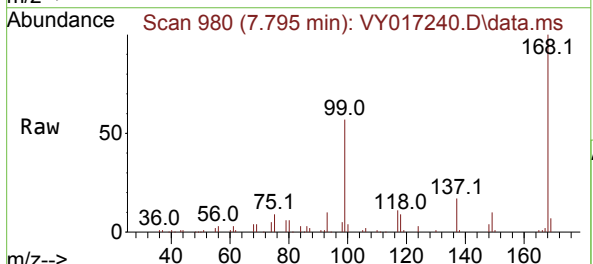
Tgt Ion: 117 Resp: 5515

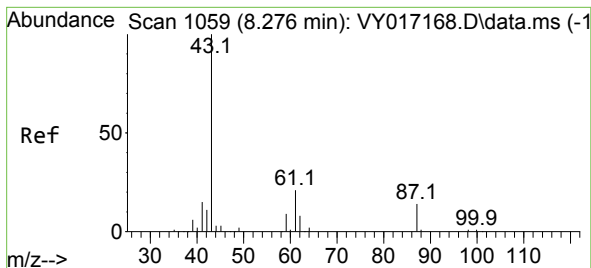
Ion Ratio Lower Upper

117 100

119 4.7 76.0 114.0#

121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 22.194 ug/l

RT: 8.331 min Scan# 1068

Delta R.T. 0.055 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-0-2D

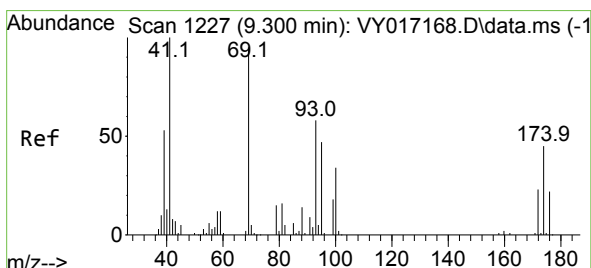
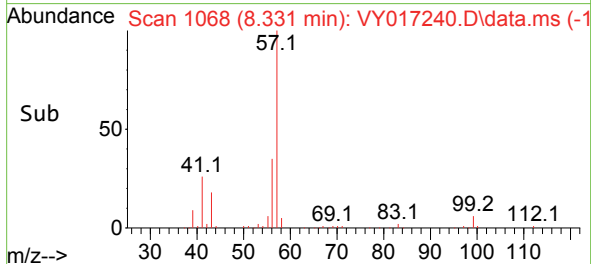
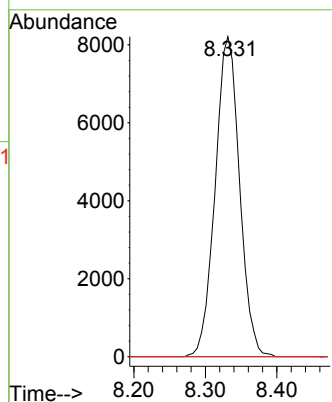
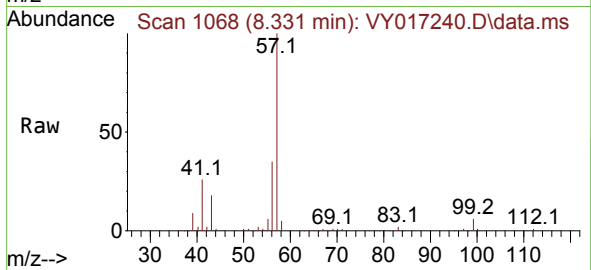
Tgt Ion: 43 Resp: 19418

Ion Ratio Lower Upper

43 100

61 0.0 24.8 37.2#

87 0.0 10.7 16.1#



#48

Methyl methacrylate

Concen: 6.323 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.025 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

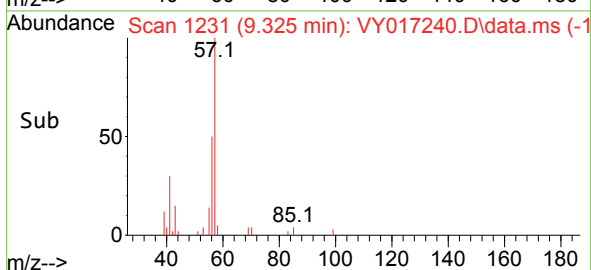
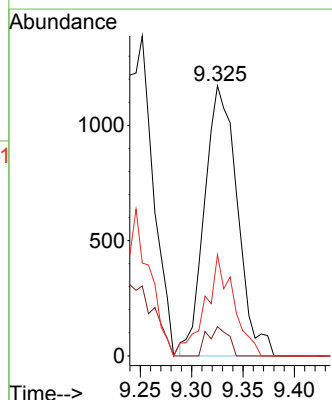
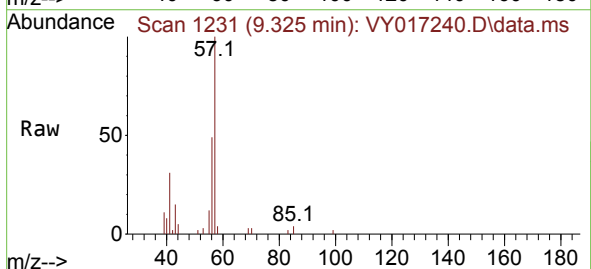
Tgt Ion: 41 Resp: 2595

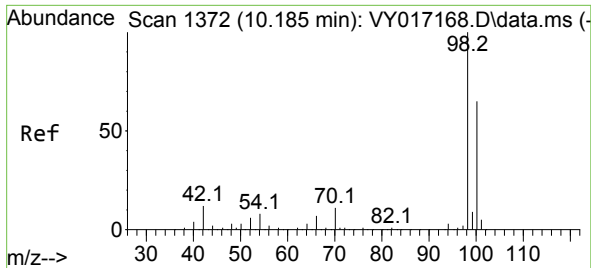
Ion Ratio Lower Upper

41 100

69 7.0 72.1 108.1#

39 32.5 42.8 64.2#

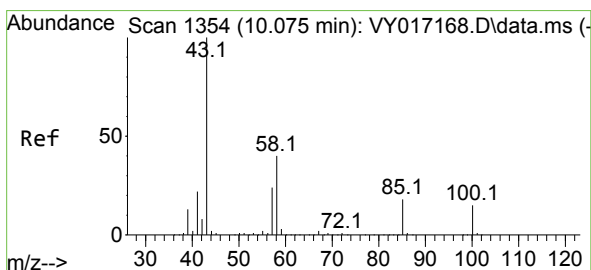
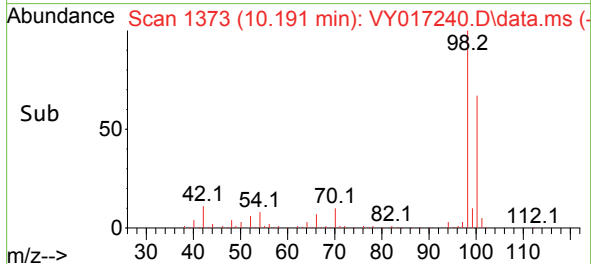
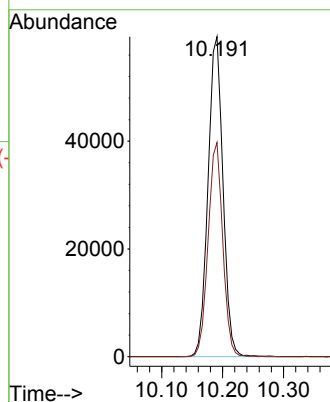
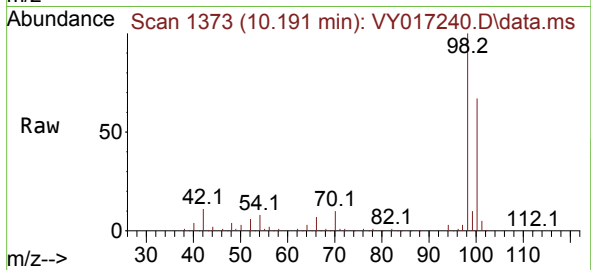




#50
Toluene-d8
Concen: 45.022 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

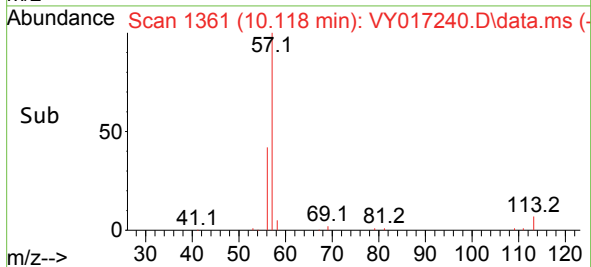
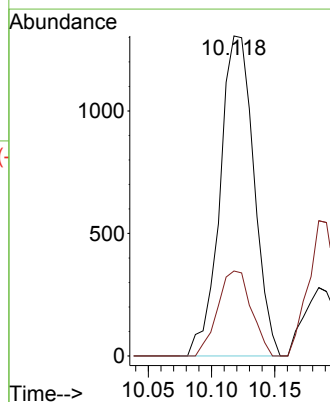
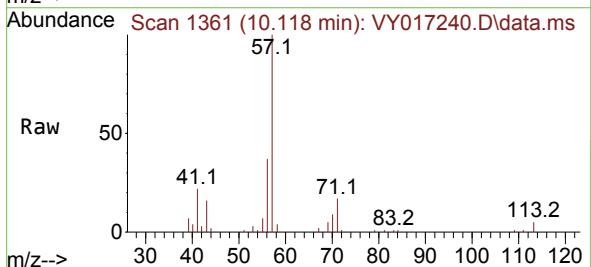
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

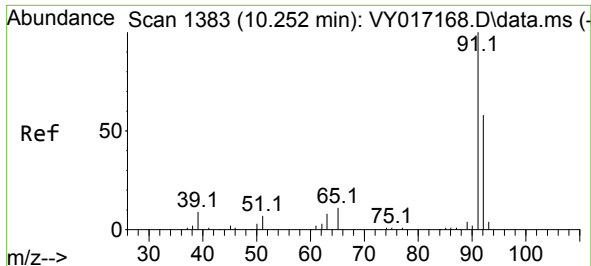
Tgt Ion: 98 Resp: 101268
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 5.194 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.043 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Tgt Ion: 43 Resp: 2436
Ion Ratio Lower Upper
43 100
58 26.4 32.2 48.2#

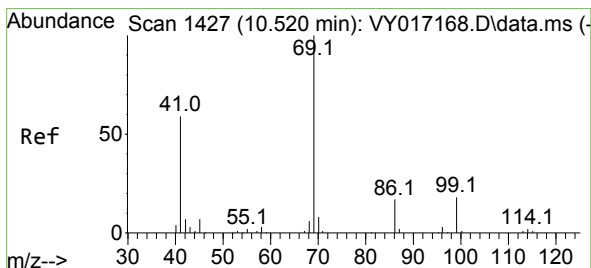
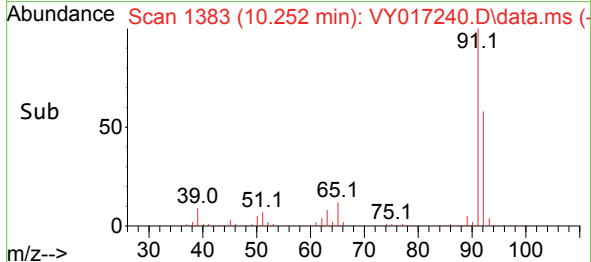
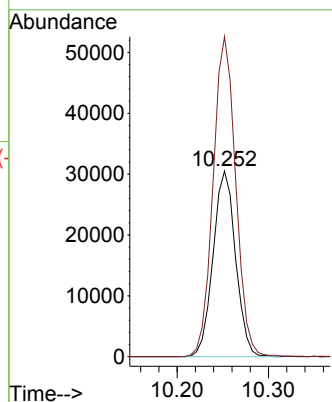
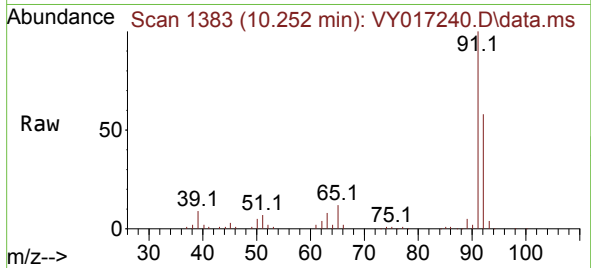




#52
Toluene
Concen: 28.356 ug/l
RT: 10.252 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

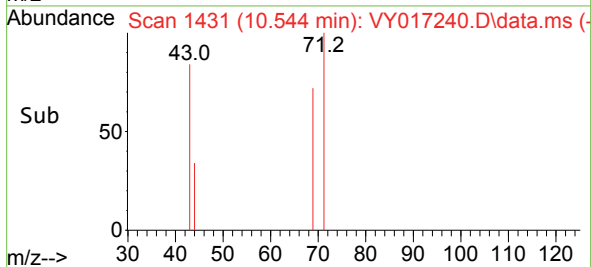
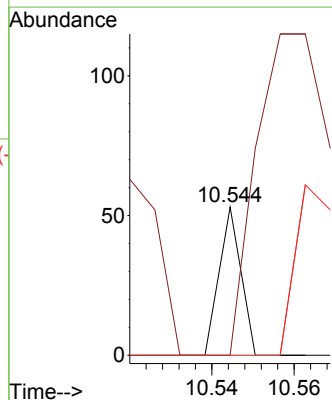
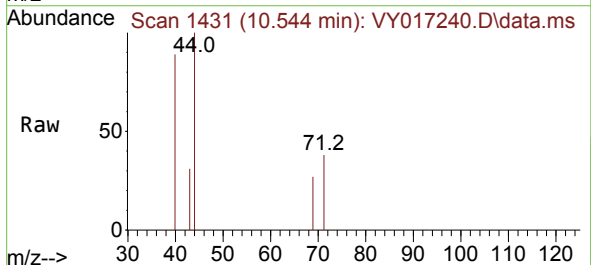
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

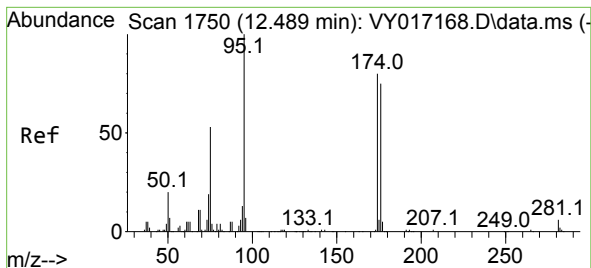
Tgt Ion: 92 Resp: 52086
Ion Ratio Lower Upper
92 100
91 173.7 137.6 206.4



#56
Ethyl methacrylate
Concen: 3.029 ug/l
RT: 10.544 min Scan# 1431
Delta R.T. 0.024 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Tgt Ion: 69 Resp: 19
Ion Ratio Lower Upper
69 100
41 847.4 49.2 73.8#
39 0.0 26.8 40.2#

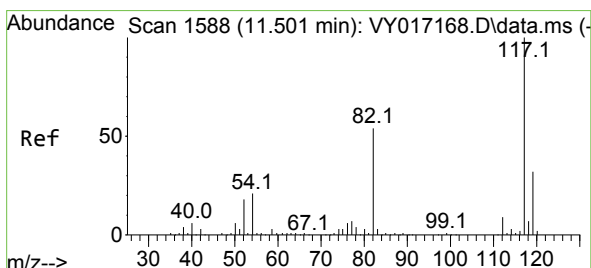
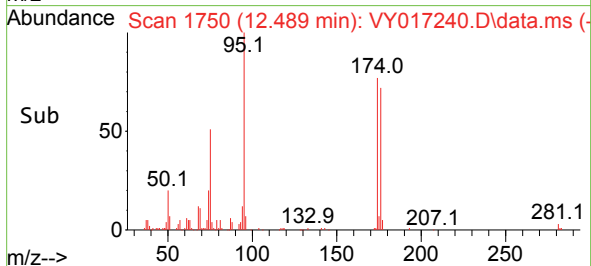
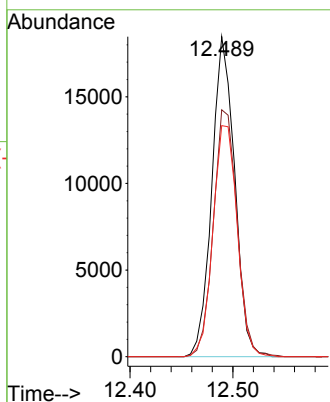
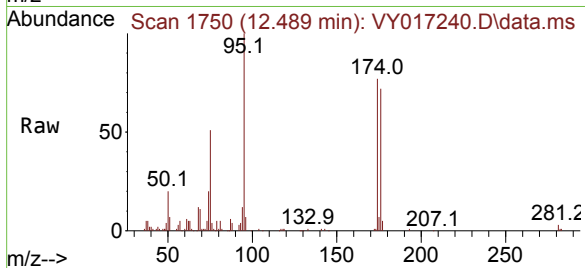




#62
4-Bromofluorobenzene
Concen: 38.551 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

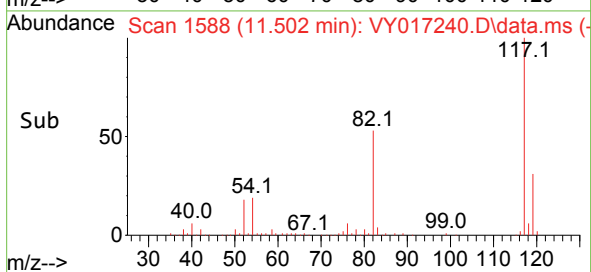
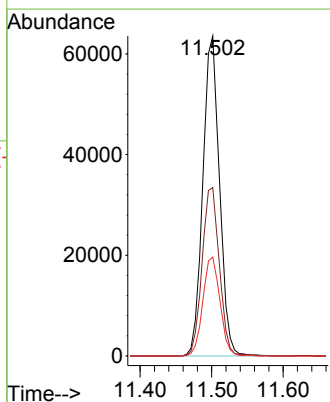
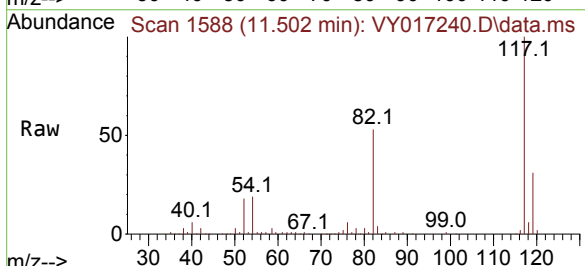
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

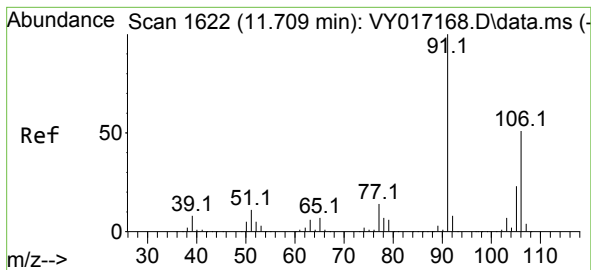
Tgt Ion:	95	Resp:	28405
Ion Ratio	Lower	Upper	
95	100		
174	80.2	0.0	160.0
176	76.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Tgt Ion:	117	Resp:	102831
Ion Ratio	Lower	Upper	
117	100		
82	52.7	43.8	65.8
119	30.9	26.5	39.7

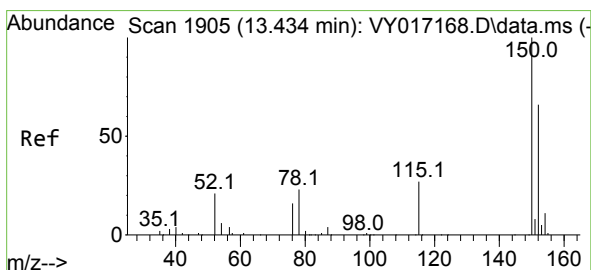
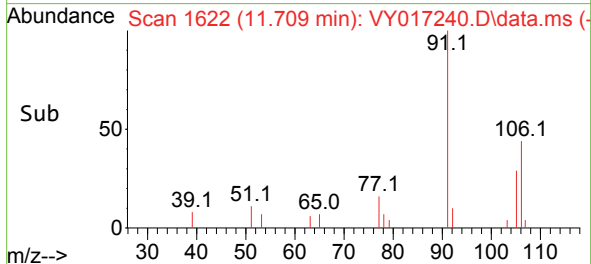
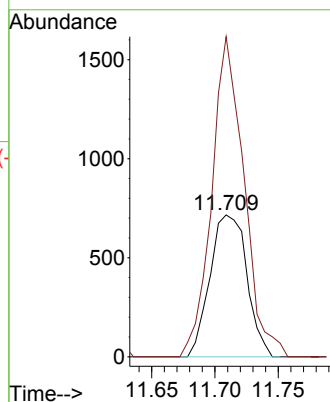
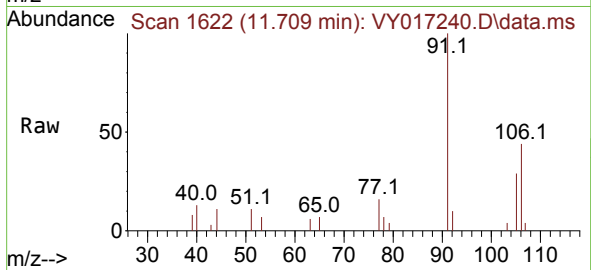




#68
m/p-Xylenes
Concen: 1.066 ug/l
RT: 11.709 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

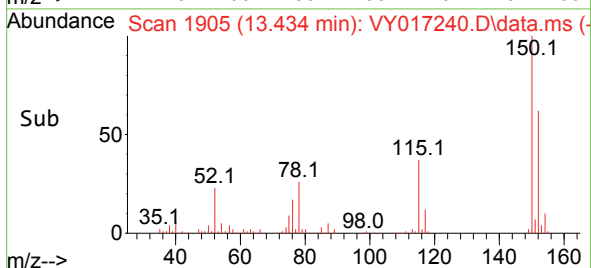
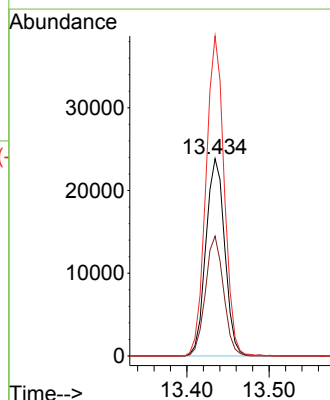
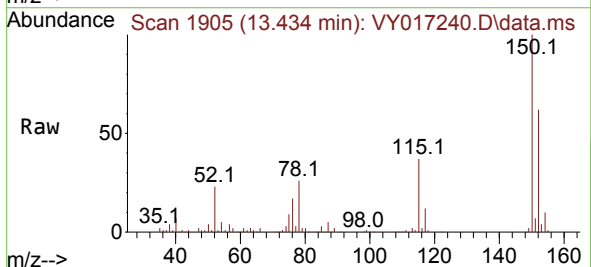
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

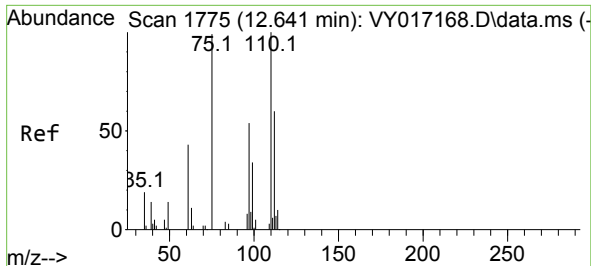
Tgt Ion:106 Resp: 1451
Ion Ratio Lower Upper
106 100
91 197.1 160.7 241.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Tgt Ion:152 Resp: 38064
Ion Ratio Lower Upper
152 100
115 58.2 30.0 90.0
150 156.4 0.0 344.6

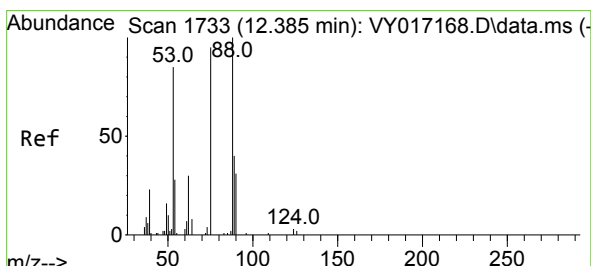
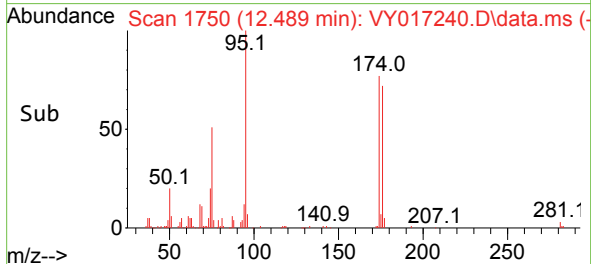
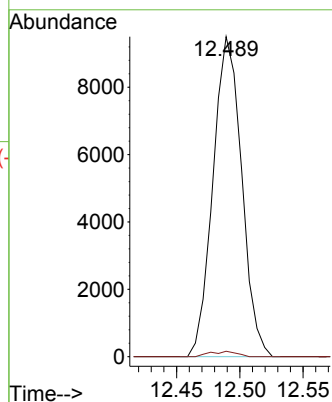
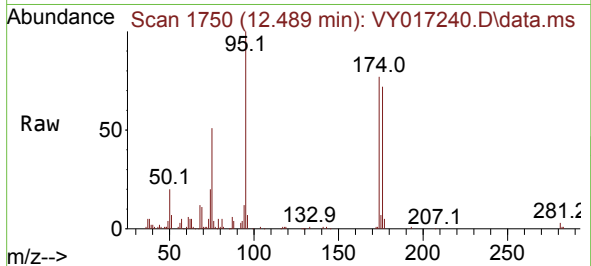




#76
1,2,3-Trichloropropane
Concen: 42.602 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

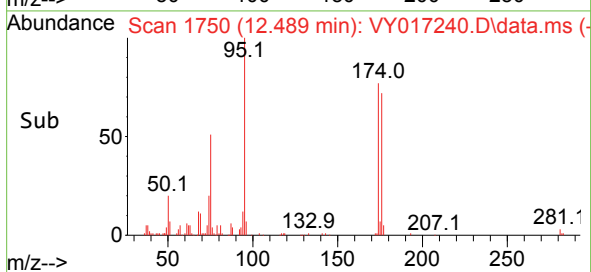
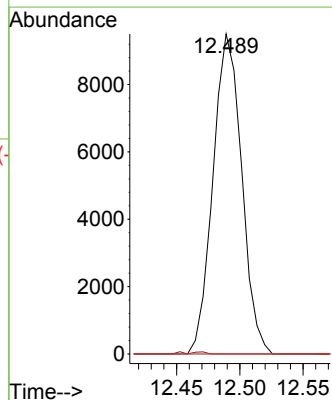
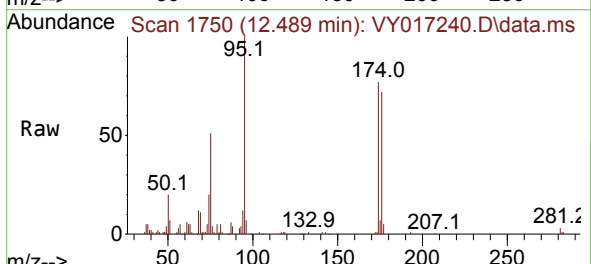
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

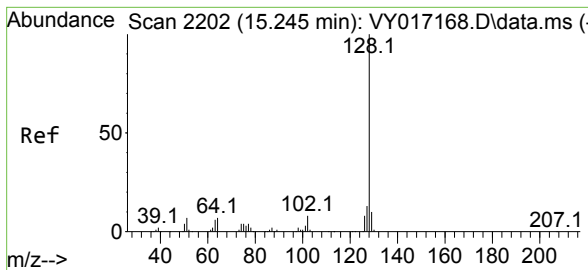
Tgt Ion: 75 Resp: 14967
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.520 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

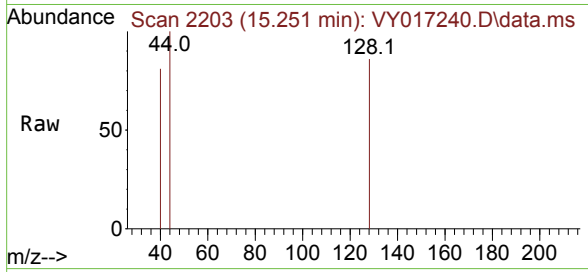
Tgt Ion: 75 Resp: 14967
Ion Ratio Lower Upper
75 100
53 0.3 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.830 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D



Tgt Ion:128 Resp: 439
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

