

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017485.D
 Acq On : 26 Feb 2024 16:37
 Operator : SY/MD
 Sample : P1564-11
 Misc : 3.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-14

Quant Time: Feb 27 01:54:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

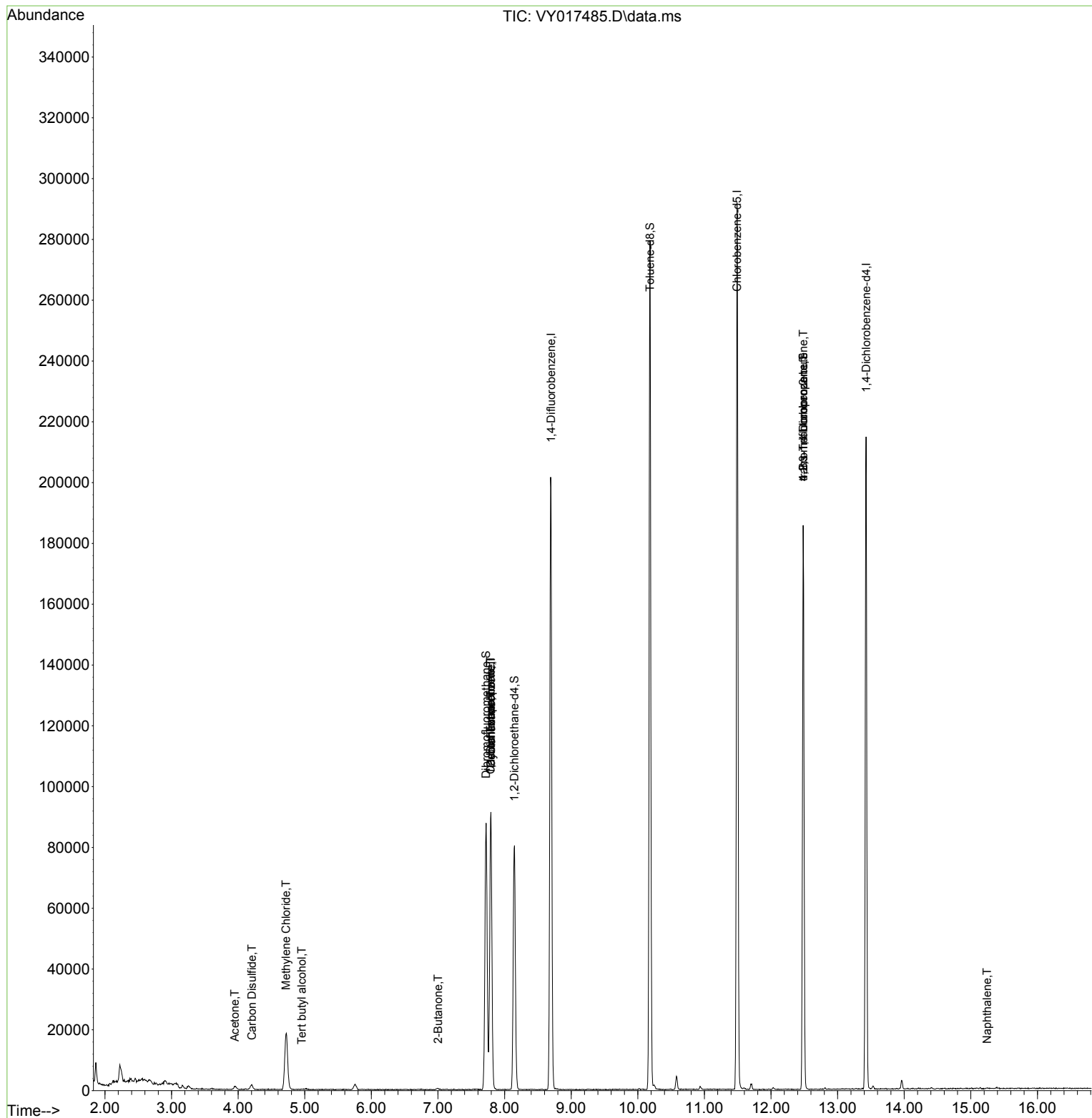
Internal Standards						
1) Pentafluorobenzene	7.795	168	76687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61333	84.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.780%#	
35) Dibromofluoromethane	7.722	113	63587	49.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.180%	
50) Toluene-d8	10.185	98	193205	42.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.320%	
62) 4-Bromofluorobenzene	12.483	95	50464	35.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	127	2.057	ug/l #	88
16) Acetone	3.948	43	1963	13.925	ug/l	96
17) Carbon Disulfide	4.204	76	2567	1.181	ug/l #	92
20) Methylene Chloride	4.716	84	15084	14.302	ug/l	97
25) 2-Butanone	7.003	43	216	1.075	ug/l #	41
31) Cyclohexane	7.795	56	1403	1.186	ug/l #	33
36) 1,1-Dichloropropene	7.789	75	5164	2.955	ug/l #	47
38) Carbon Tetrachloride	7.789	117	7360	4.202	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	24897	44.597	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24897	102.475	ug/l #	16
95) Naphthalene	15.245	128	274	4.052	ug/l #	69

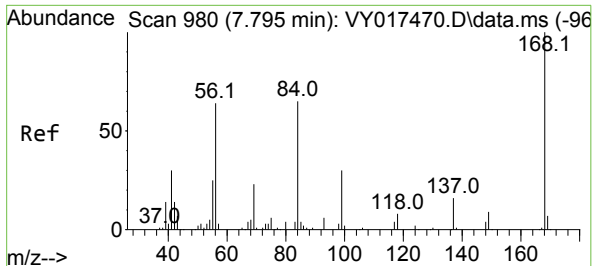
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
Data File : VY017485.D
Acq On : 26 Feb 2024 16:37
Operator : SY/MD
Sample : P1564-11
Misc : 3.54g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-14

Quant Time: Feb 27 01:54:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

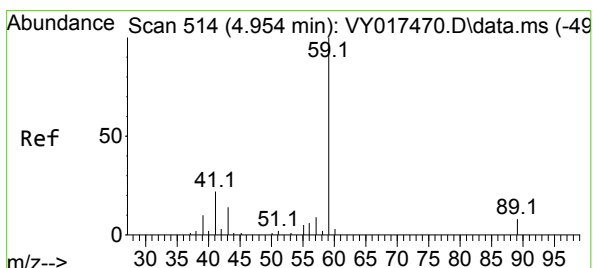
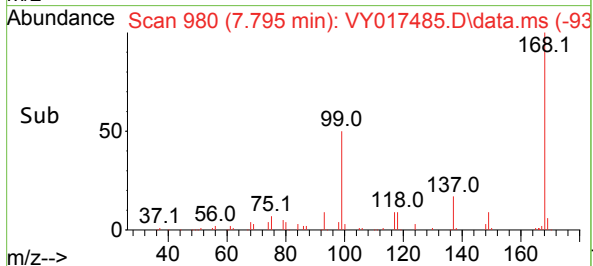
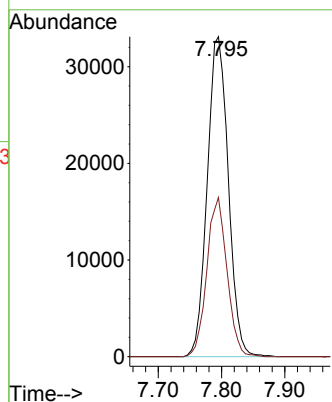
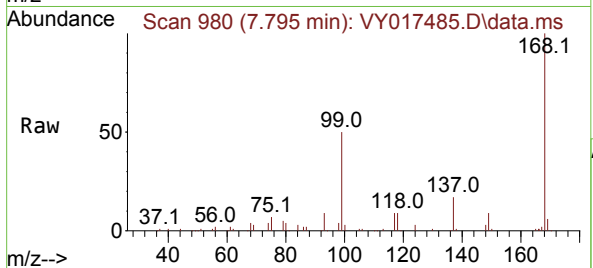




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

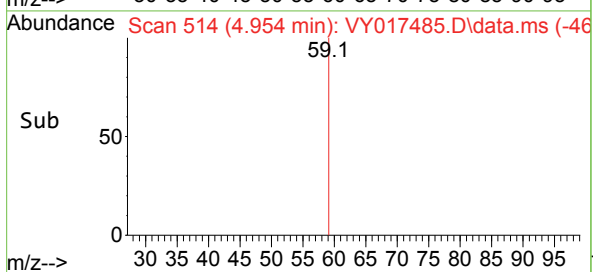
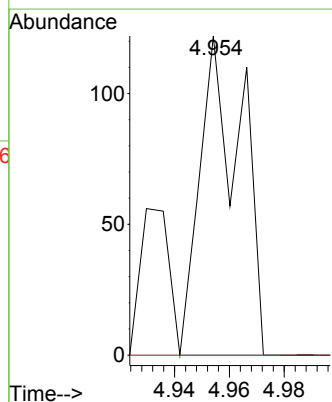
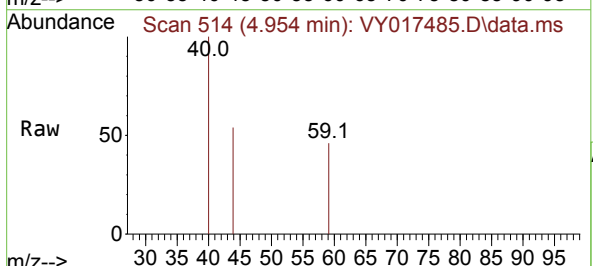
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-14

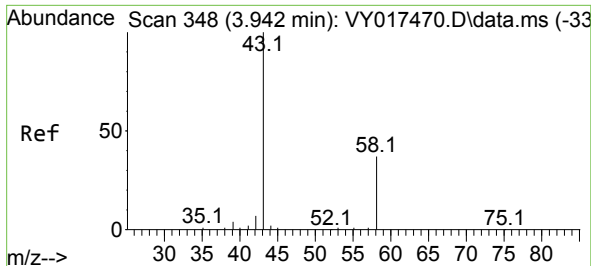
Tgt Ion:168 Resp: 76687
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.057 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 13.925 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017485.D

Acq: 26 Feb 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

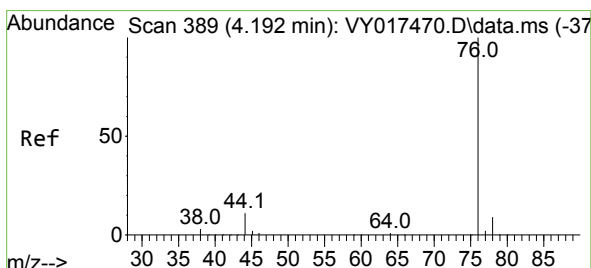
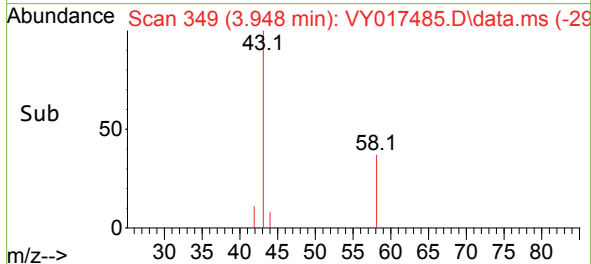
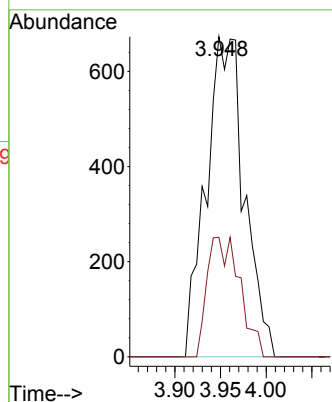
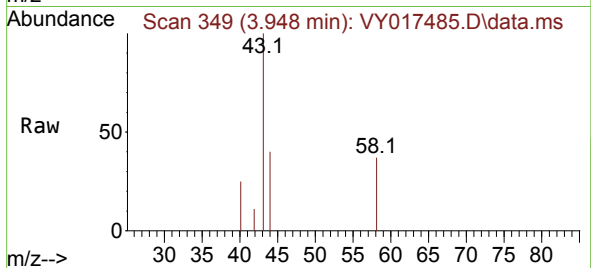
LKWD-BACKFILL-14

Tgt Ion: 43 Resp: 1963

Ion Ratio Lower Upper

43 100

58 37.3 31.7 47.5



#17

Carbon Disulfide

Concen: 1.181 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY017485.D

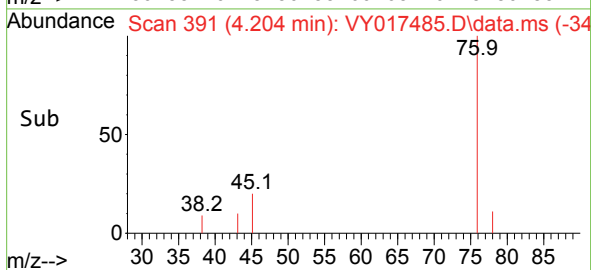
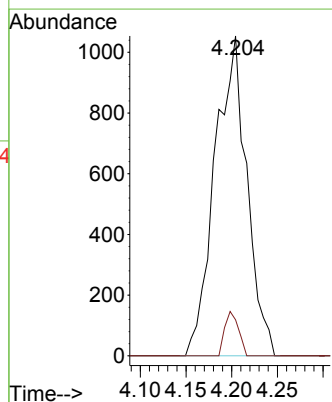
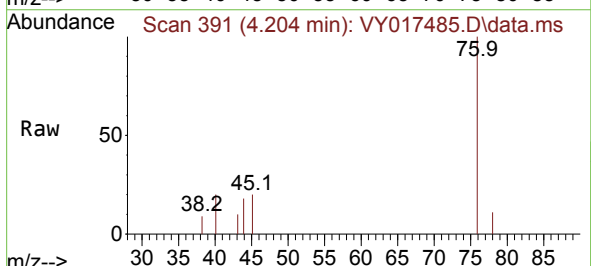
Acq: 26 Feb 2024 16:37

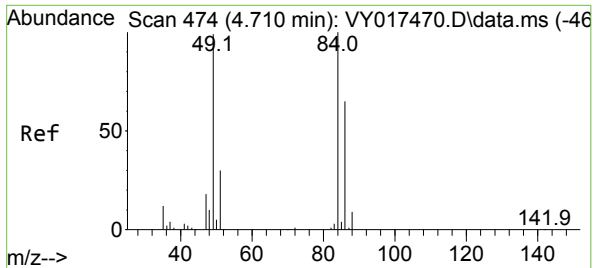
Tgt Ion: 76 Resp: 2567

Ion Ratio Lower Upper

76 100

78 11.3 6.8 10.2#





#20

Methylene Chloride

Concen: 14.302 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017485.D

Acq: 26 Feb 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-14

Tgt Ion: 84 Resp: 15084

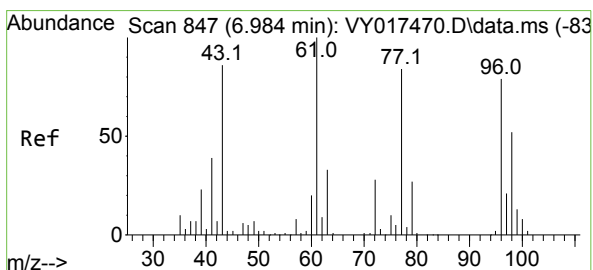
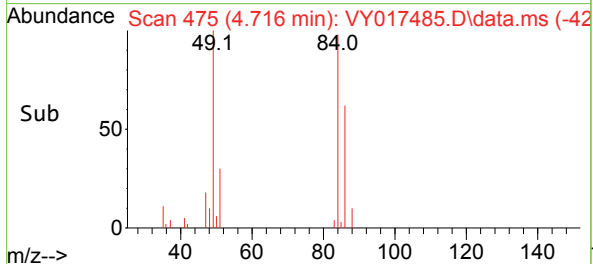
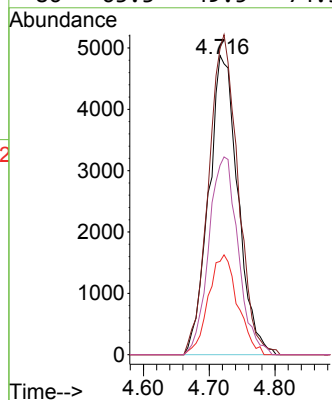
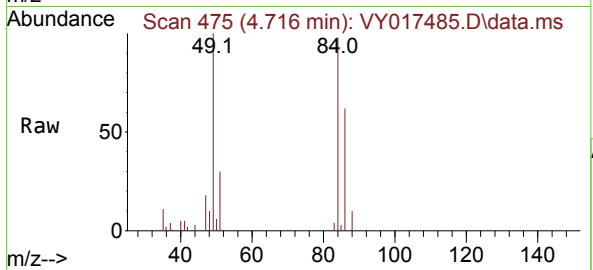
Ion Ratio Lower Upper

84 100

49 102.3 84.4 126.6

51 31.2 26.0 39.0

86 63.3 49.5 74.3



#25

2-Butanone

Concen: 1.075 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY017485.D

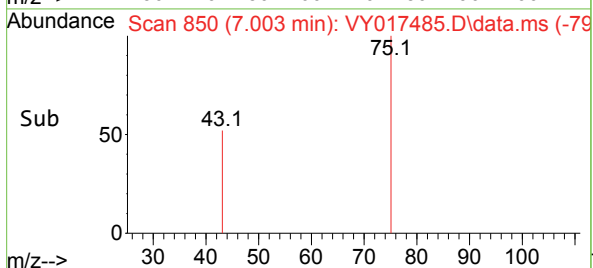
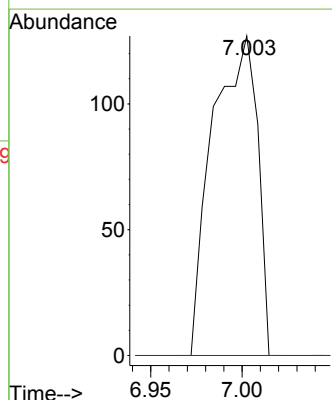
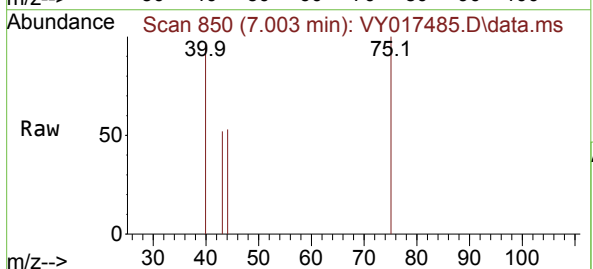
Acq: 26 Feb 2024 16:37

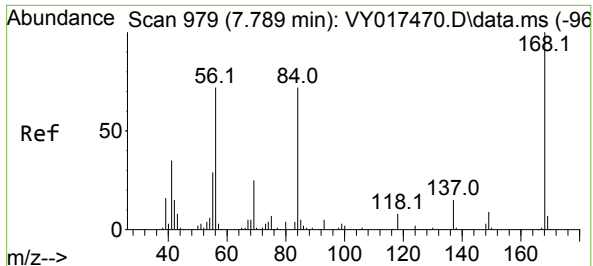
Tgt Ion: 43 Resp: 216

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#

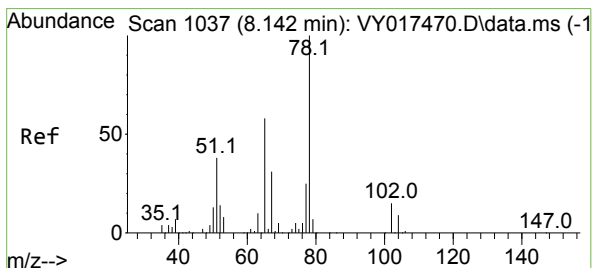
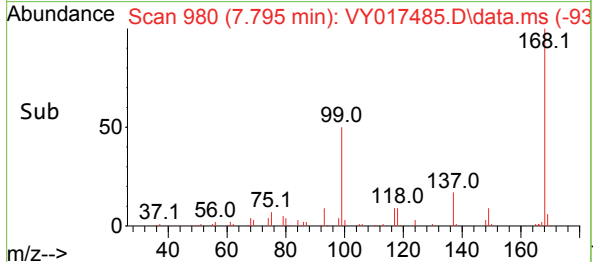
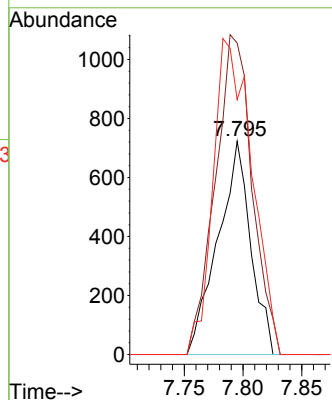
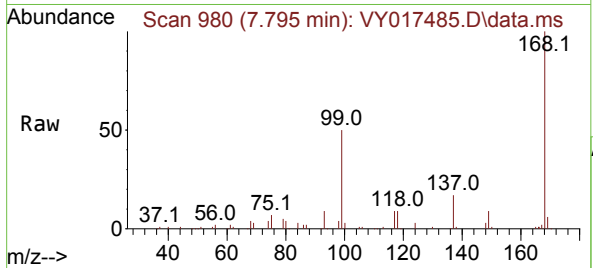




#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

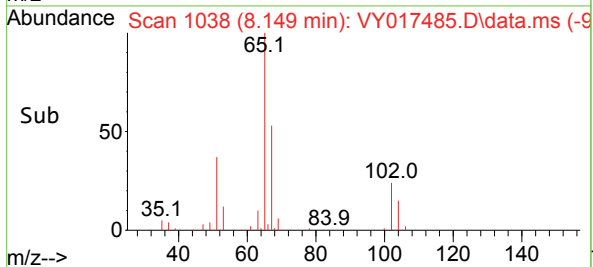
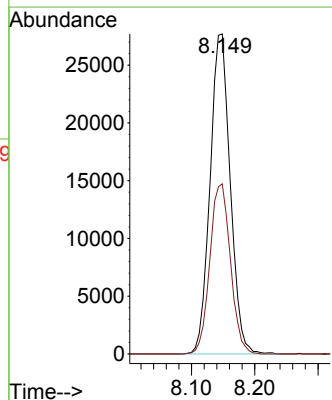
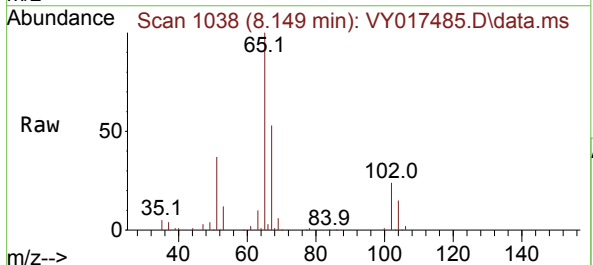
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-14

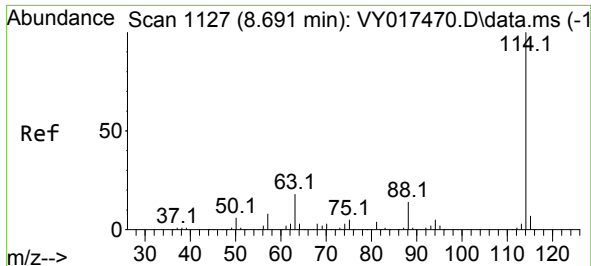
Tgt Ion: 56 Resp: 1403
Ion Ratio Lower Upper
56 100
69 146.1 28.7 43.1#
84 119.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 84.389 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

Tgt Ion: 65 Resp: 61333
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017485.D

Acq: 26 Feb 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-14

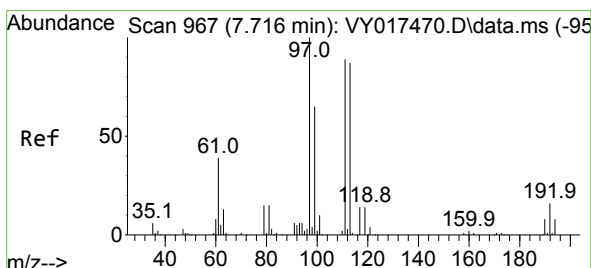
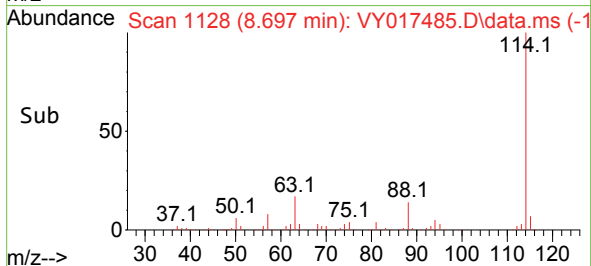
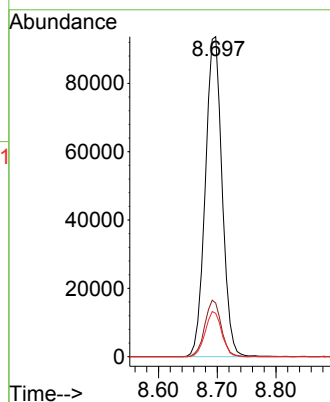
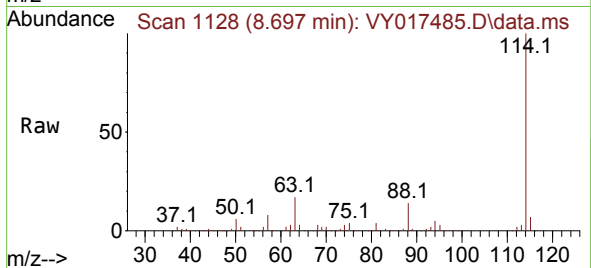
Tgt Ion:114 Resp: 185885

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.090 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017485.D

Acq: 26 Feb 2024 16:37

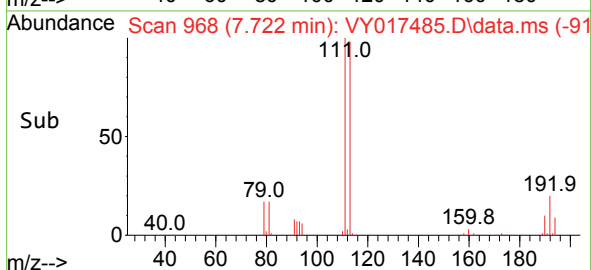
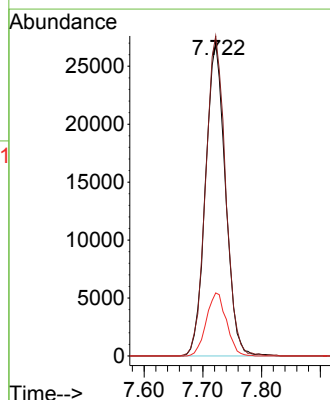
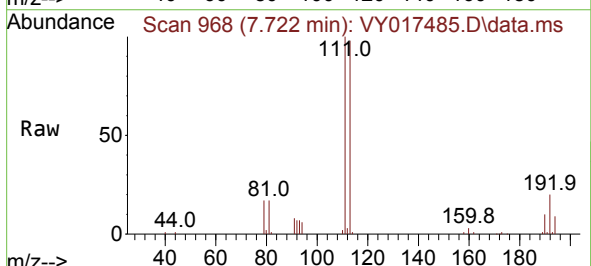
Tgt Ion:113 Resp: 63587

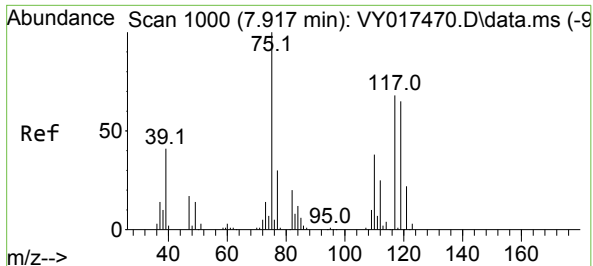
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.3 15.9 23.9

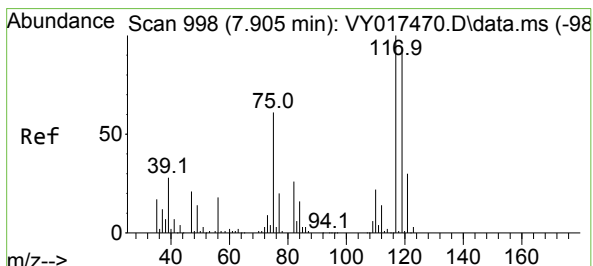
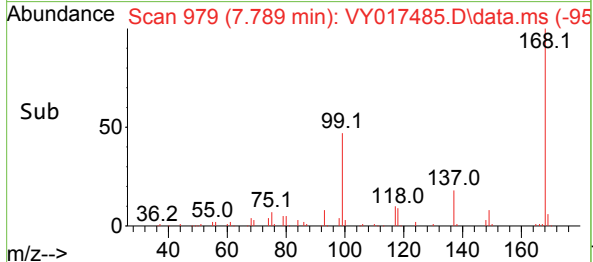
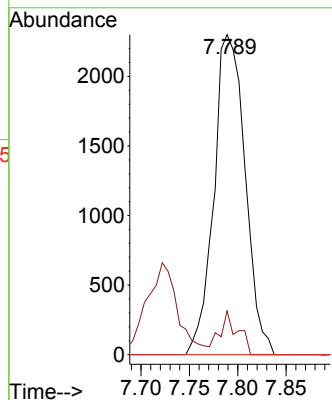
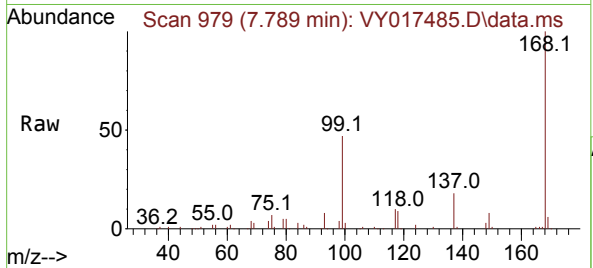




#36
1,1-Dichloropropene
Concen: 2.955 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

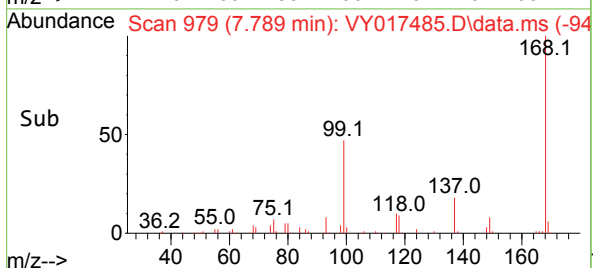
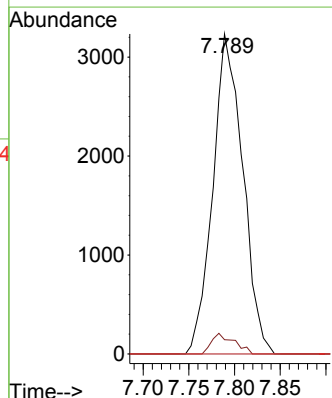
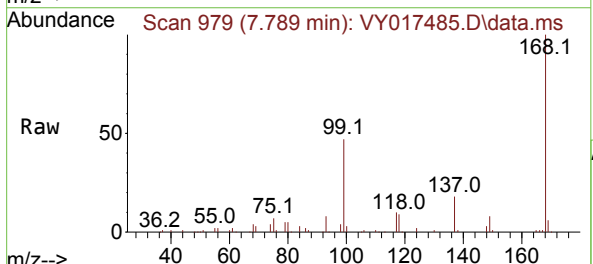
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-14

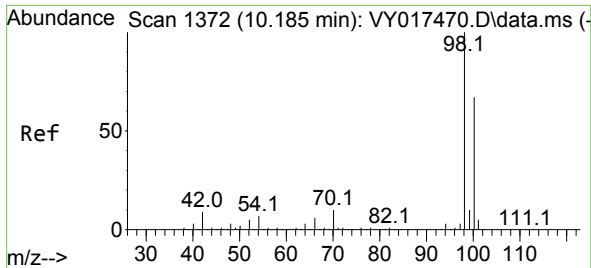
Tgt Ion: 75 Resp: 5164
Ion Ratio Lower Upper
75 100
110 7.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.202 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

Tgt Ion: 117 Resp: 7360
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#

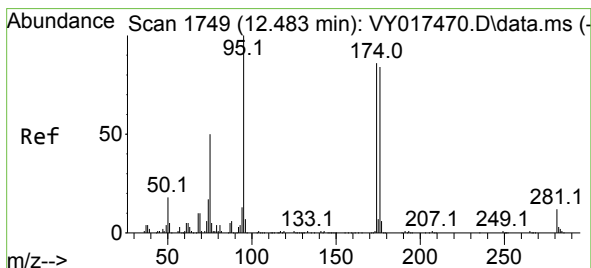
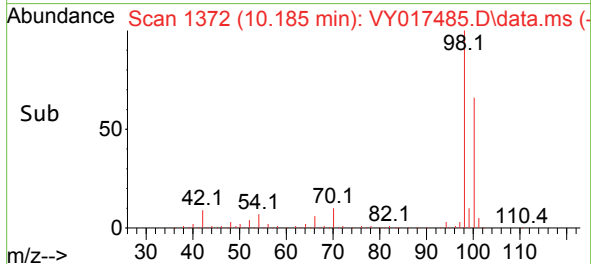
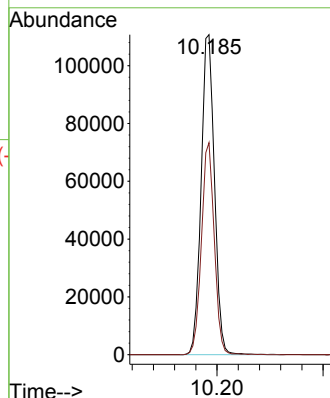
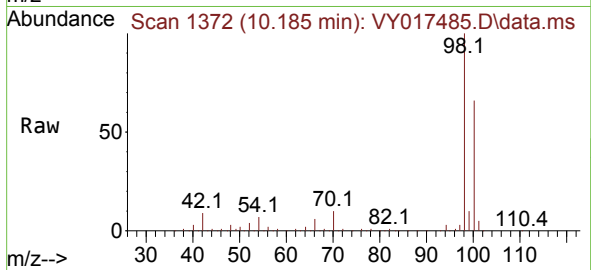




#50
Toluene-d8
Concen: 42.661 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

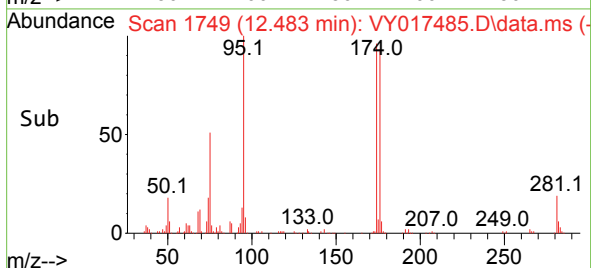
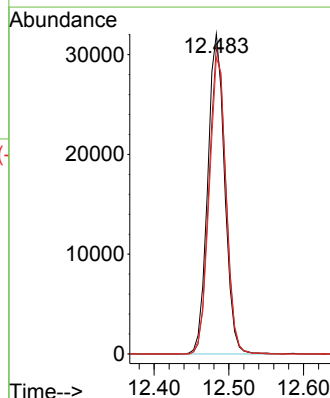
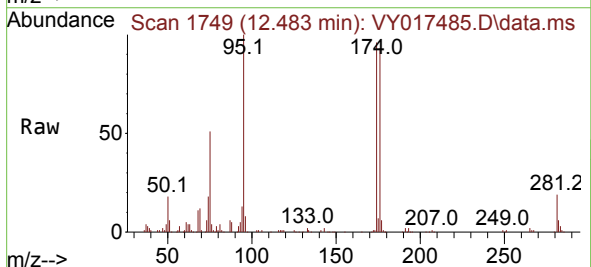
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-14

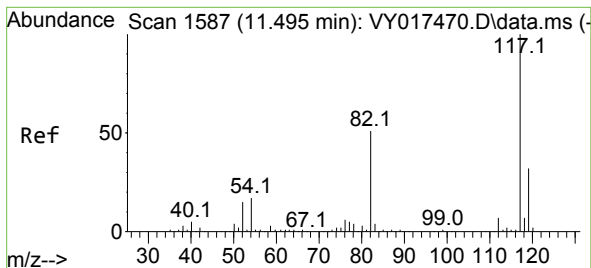
Tgt Ion: 98 Resp: 193205
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

Tgt Ion: 95 Resp: 50464
Ion Ratio Lower Upper
95 100
174 95.2 0.0 175.6
176 92.3 0.0 171.4

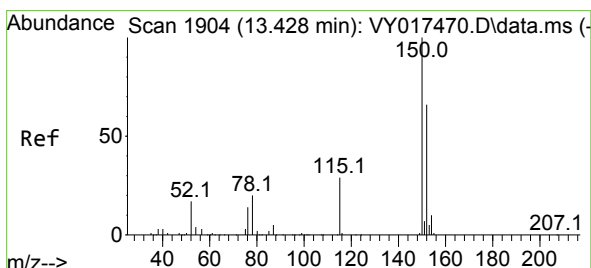
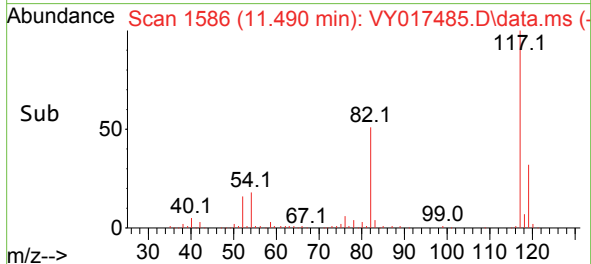
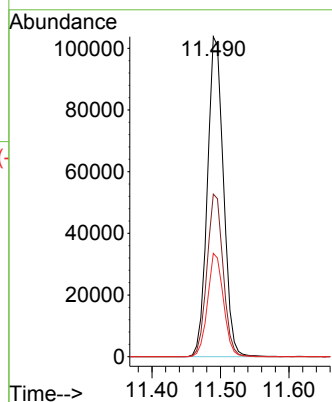
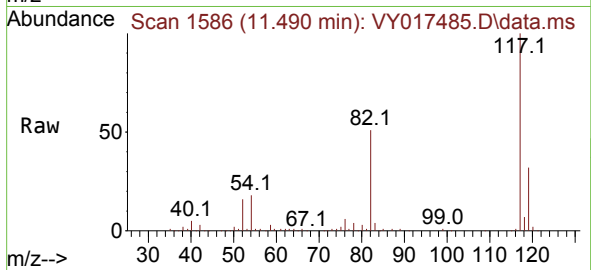




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

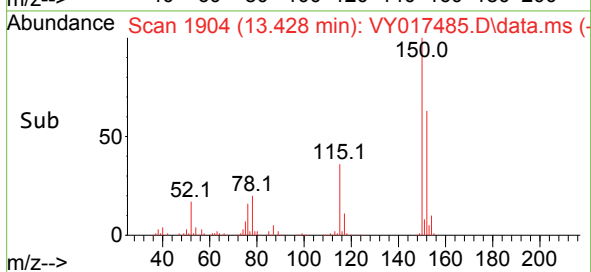
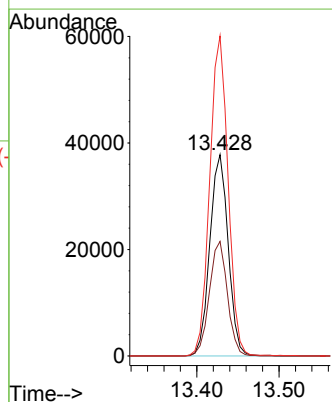
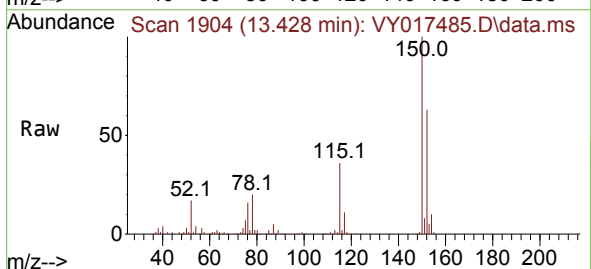
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-14

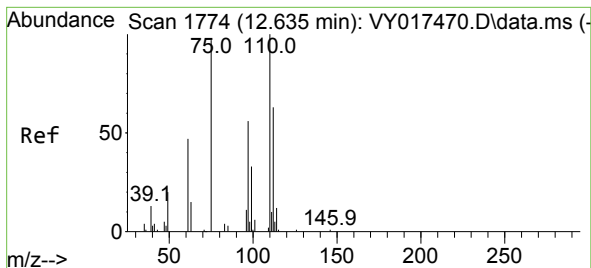
Tgt Ion:117 Resp: 169541
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

Tgt Ion:152 Resp: 58755
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 158.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 44.597 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017485.D

Acq: 26 Feb 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

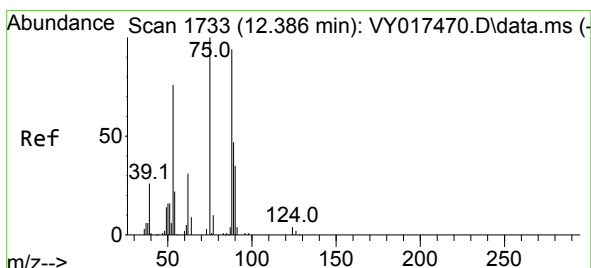
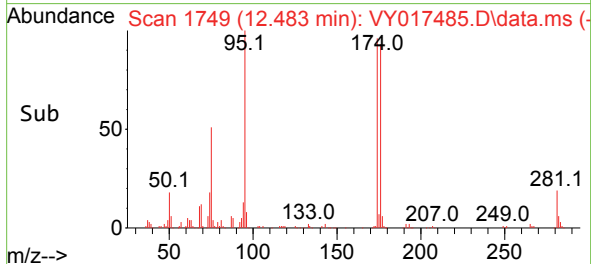
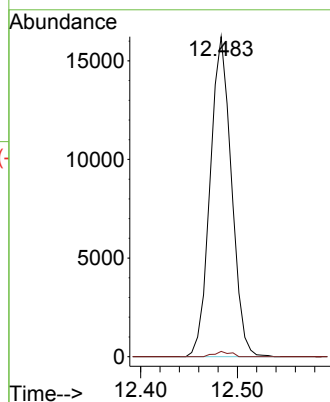
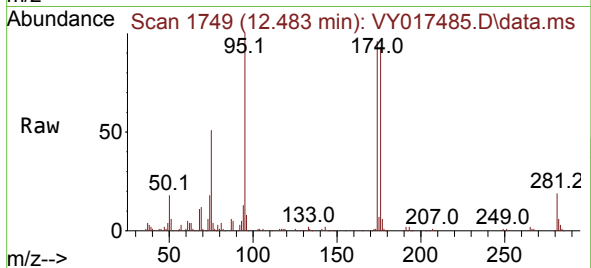
LKWD-BACKFILL-14

Tgt Ion: 75 Resp: 24897

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.475 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017485.D

Acq: 26 Feb 2024 16:37

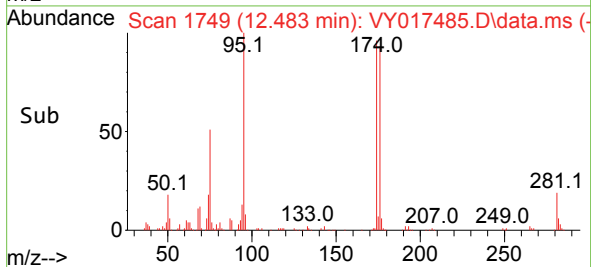
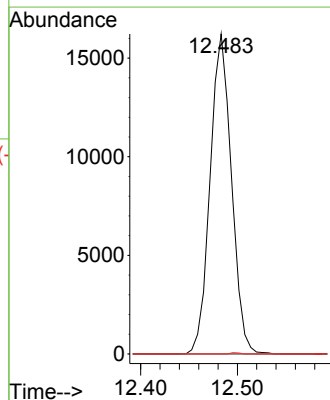
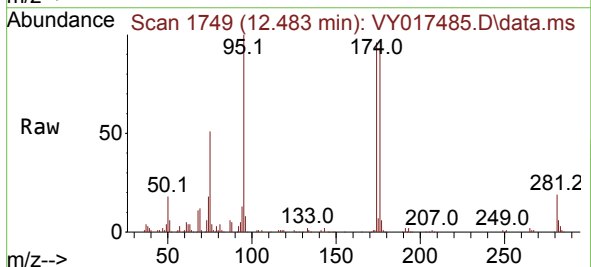
Tgt Ion: 75 Resp: 24897

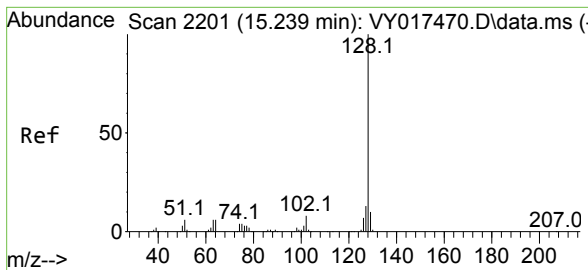
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

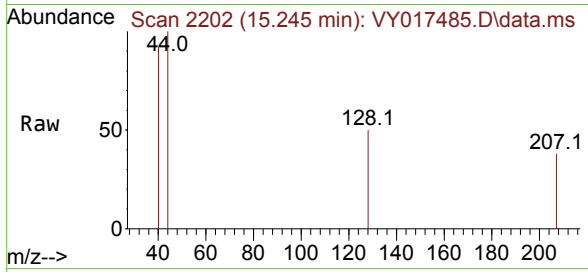
89 0.2 35.8 53.6#





#95
 Naphthalene
 Concen: 4.052 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017485.D
 Acq: 26 Feb 2024 16:37

Instrument : MSVOA_Y
 ClientSampleId : LKWD-BACKFILL-14



Tgt Ion:	128	Resp:	274
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

