

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017588.D
 Acq On : 06 Mar 2024 13:26
 Operator : SY/MD
 Sample : P1684-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-030524

Quant Time: Mar 07 02:07:18 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)

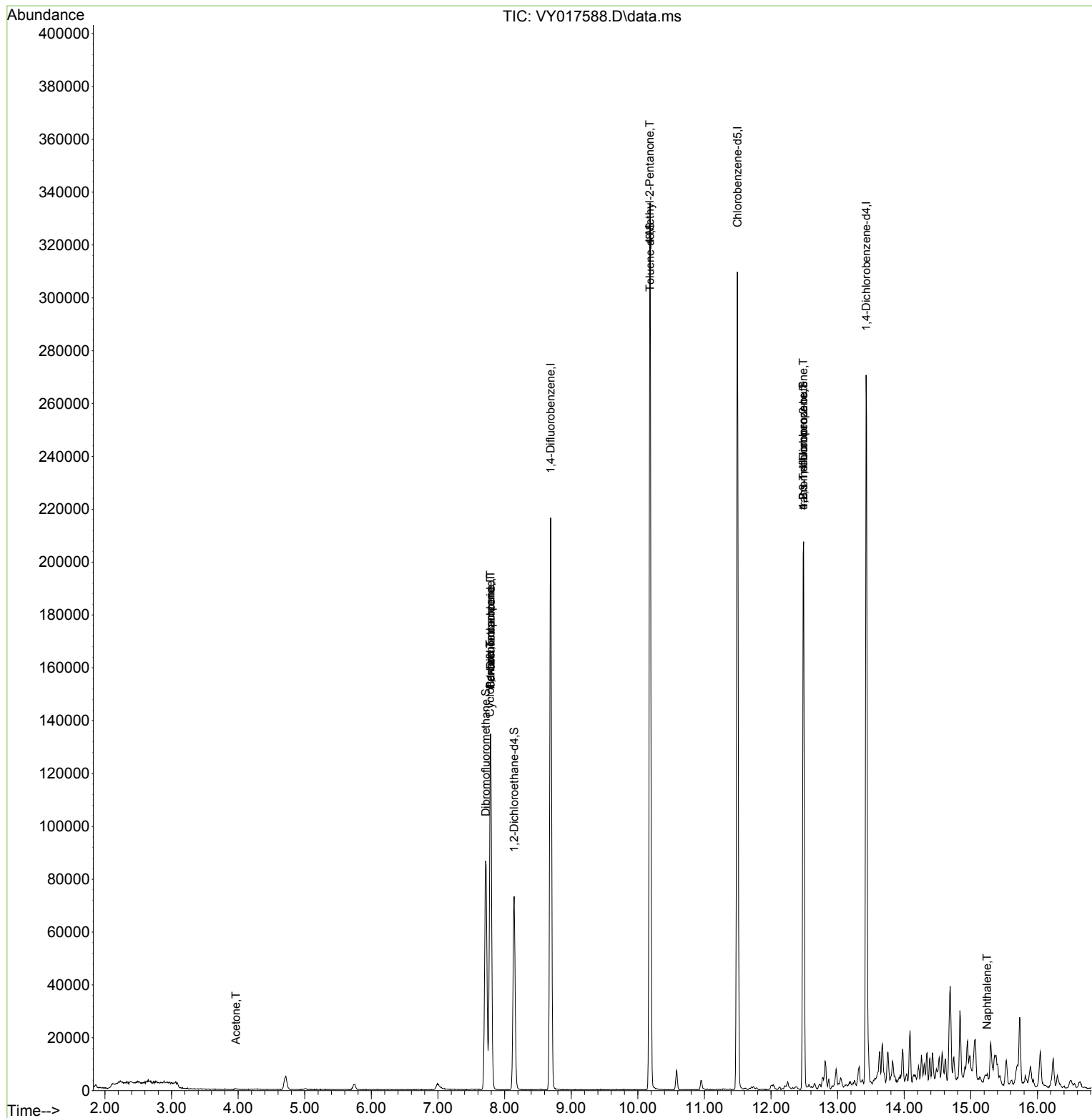
Internal Standards						
1) Pentafluorobenzene	7.789	168	110813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54564	51.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.920%
35) Dibromofluoromethane	7.716	113	63884	46.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.185	98	223825	46.916	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.483	95	63547	42.384	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.760%
Target Compounds						
16) Acetone	3.966	43	471	2.312	ug/l #	36
20) Methylene Chloride	4.704	84	4182	Below Cal	#	88
31) Cyclohexane	7.783	56	2051	1.200	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	8032	4.363	ug/l #	48
38) Carbon Tetrachloride	7.789	117	9994	5.417	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	729	1.024	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	30816	44.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30816	102.893	ug/l #	16
95) Naphthalene	15.245	128	1063	4.347	ug/l	95

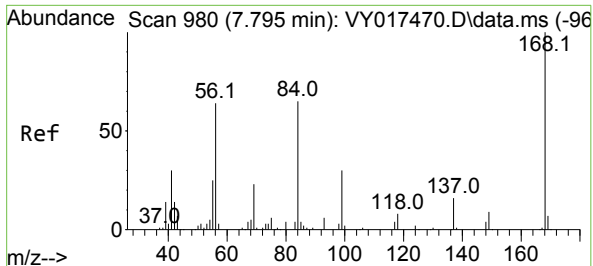
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

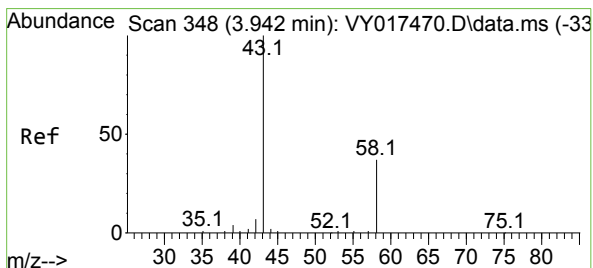
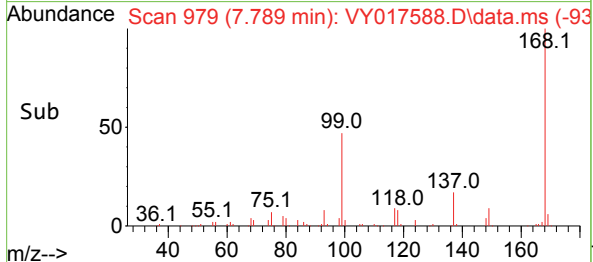
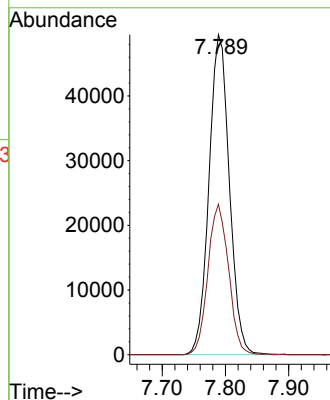
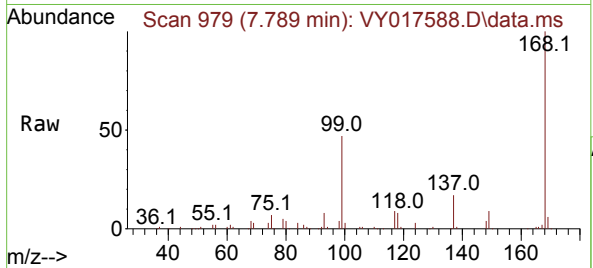




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

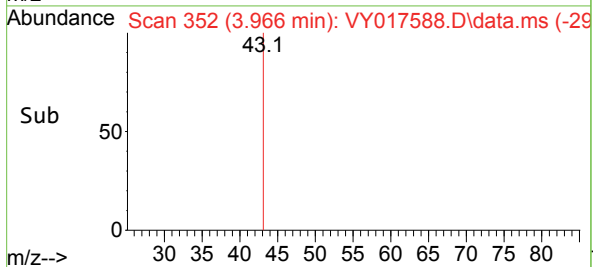
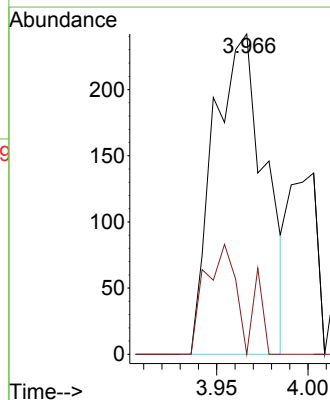
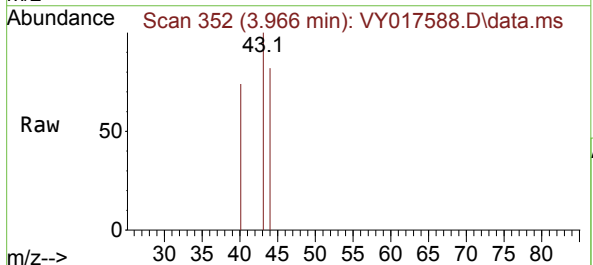
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

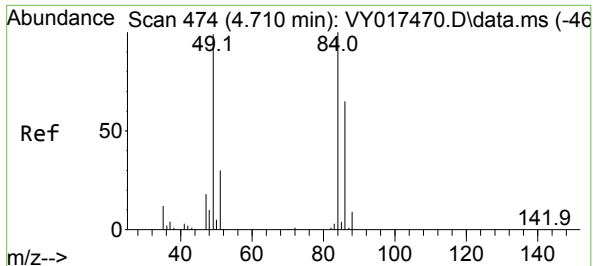
Tgt Ion:168 Resp: 110813
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#16
Acetone
Concen: 2.312 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017588.D

Acq: 06 Mar 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-030524

Tgt Ion: 84 Resp: 4182

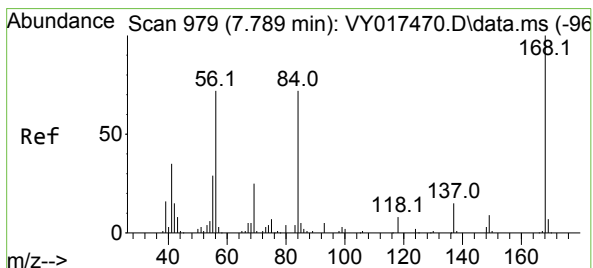
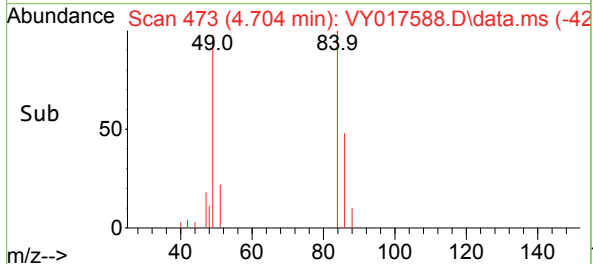
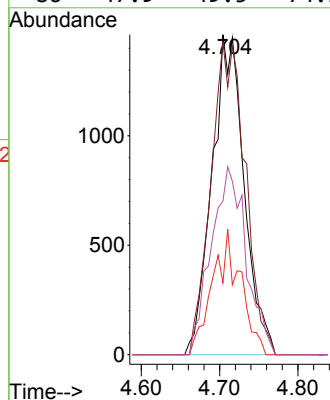
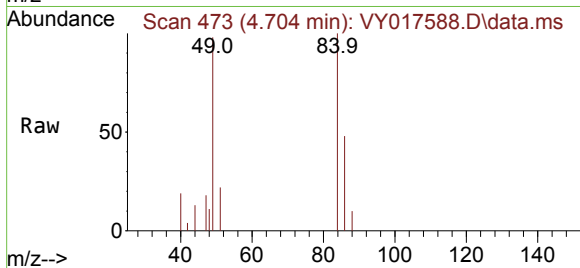
Ion Ratio Lower Upper

84 100

49 97.8 84.4 126.6

51 22.4 26.0 39.0#

86 47.9 49.5 74.3#



#31

Cyclohexane

Concen: 1.200 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY017588.D

Acq: 06 Mar 2024 13:26

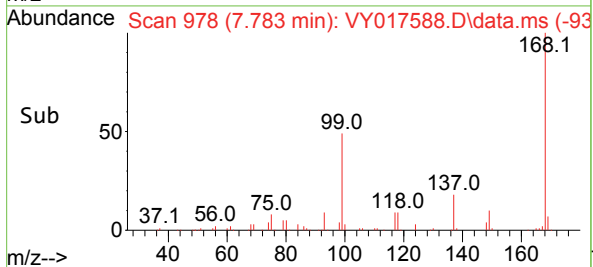
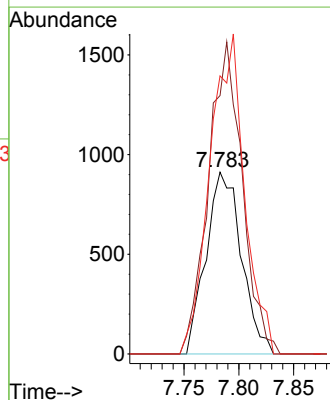
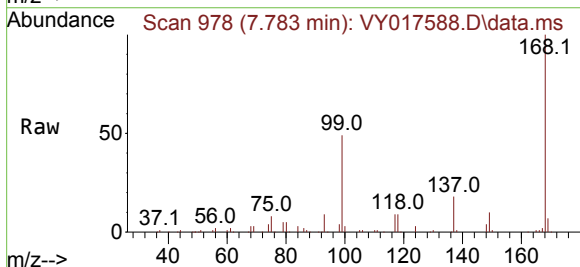
Tgt Ion: 56 Resp: 2051

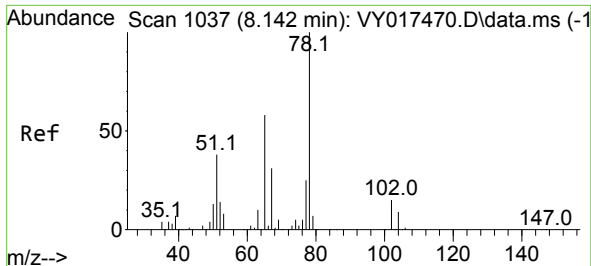
Ion Ratio Lower Upper

56 100

69 142.1 28.7 43.1#

84 153.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.955 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017588.D

Acq: 06 Mar 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

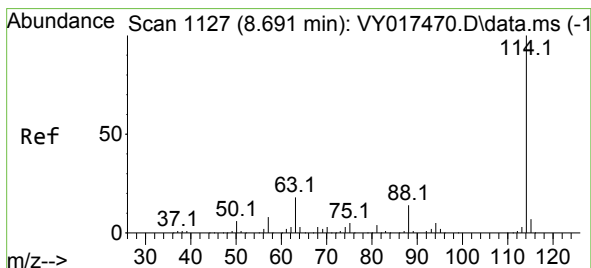
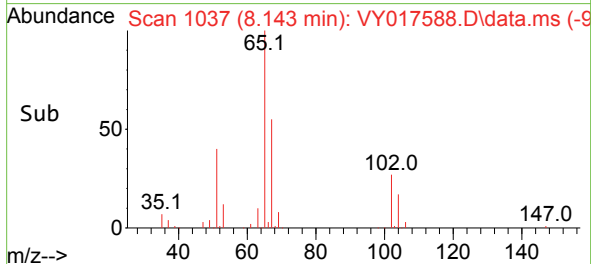
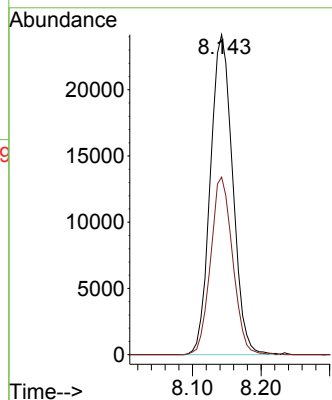
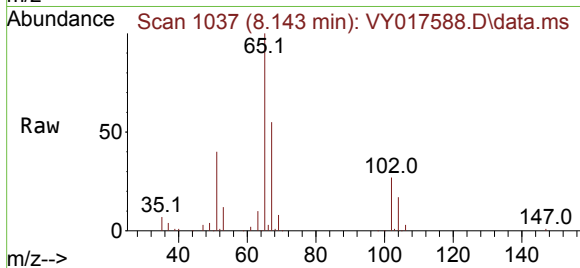
SU-03-030524

Tgt Ion: 65 Resp: 54564

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017588.D

Acq: 06 Mar 2024 13:26

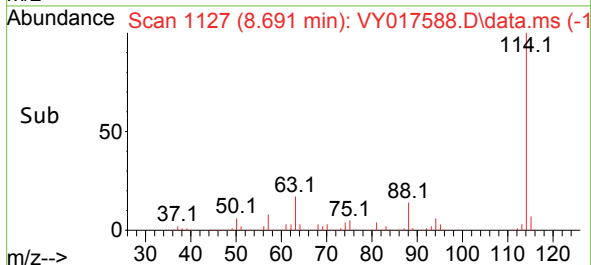
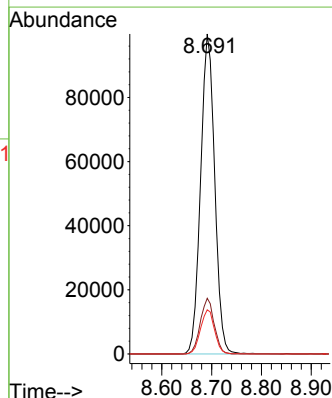
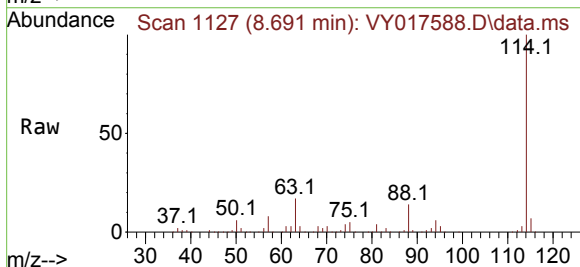
Tgt Ion: 114 Resp: 195813

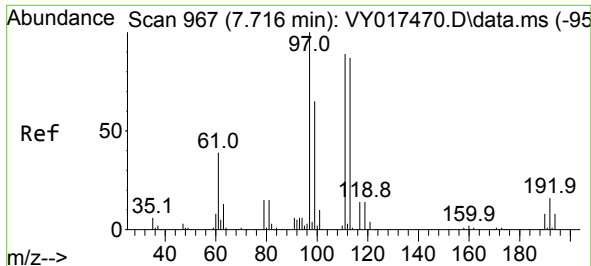
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.8 0.0 27.2

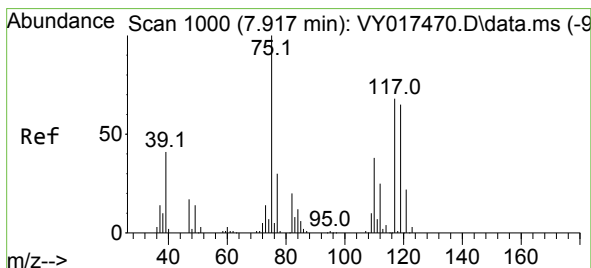
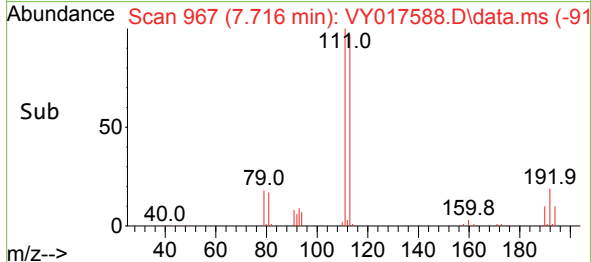
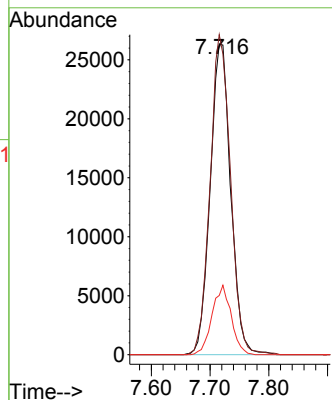
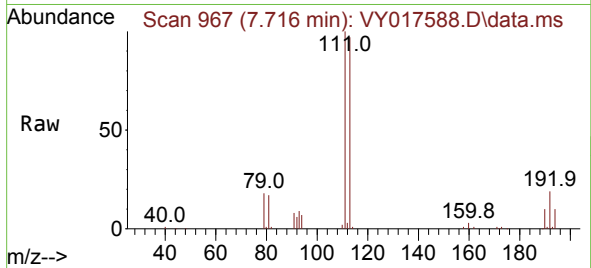




#35
Dibromofluoromethane
Concen: 46.819 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

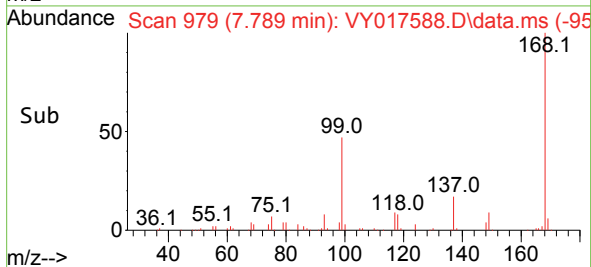
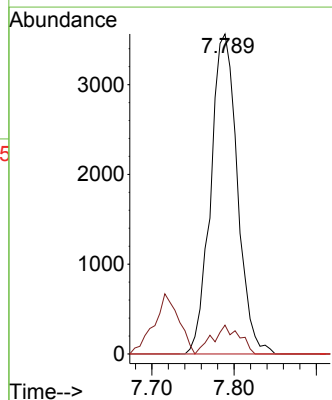
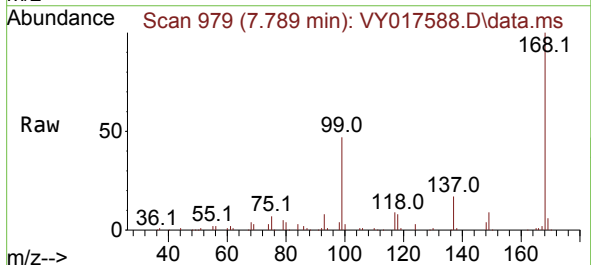
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

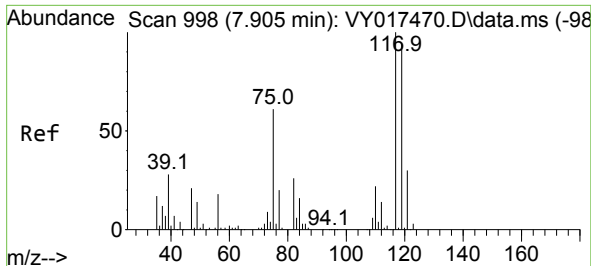
Tgt Ion:	113	Resp:	63884
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	20.8	15.9	23.9



#36
1,1-Dichloropropene
Concen: 4.363 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

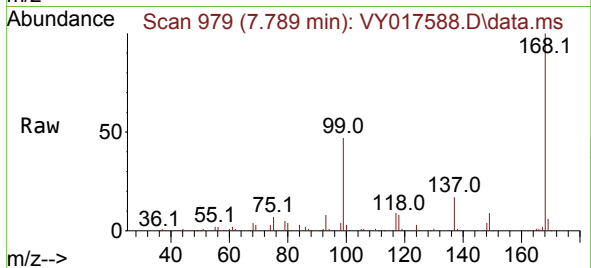
Tgt Ion:	75	Resp:	8032
Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.0	57.0#
77	0.0	25.3	37.9#



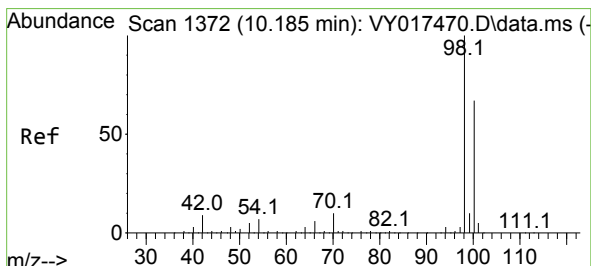
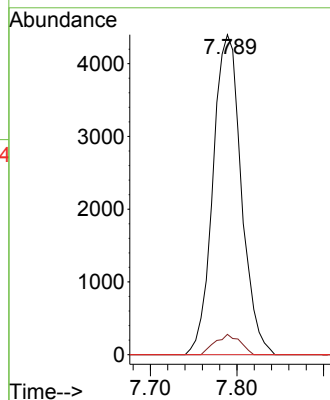
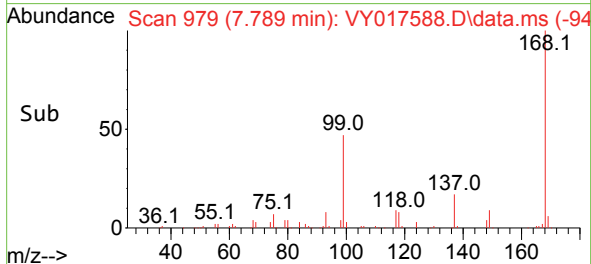


#38
Carbon Tetrachloride
Concen: 5.417 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

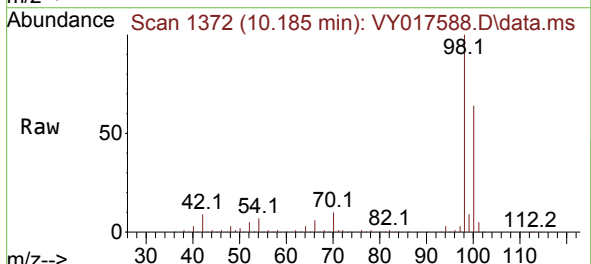
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MSVOA_Y
ClientSampleId :
SU-03-030524



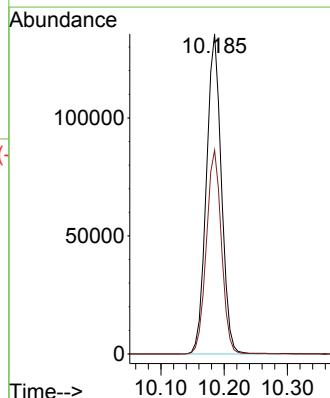
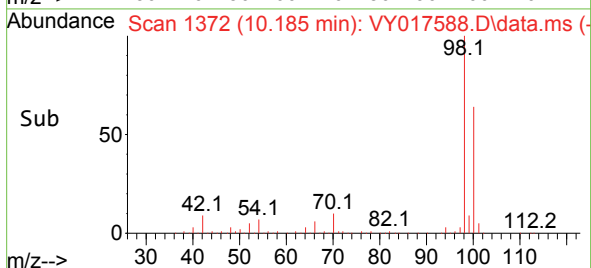
Tgt Ion:117 Resp: 9994
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#

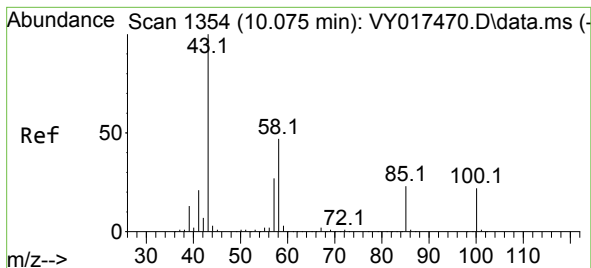


#50
Toluene-d8
Concen: 46.916 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26



Tgt Ion: 98 Resp: 223825
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

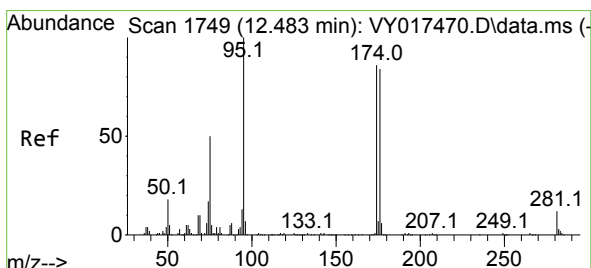
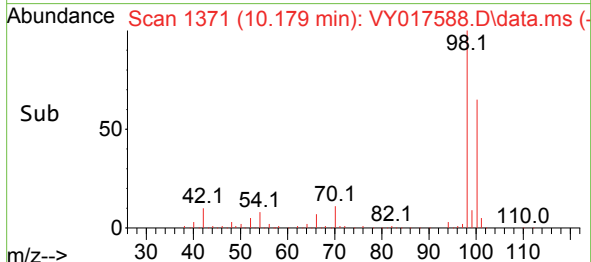
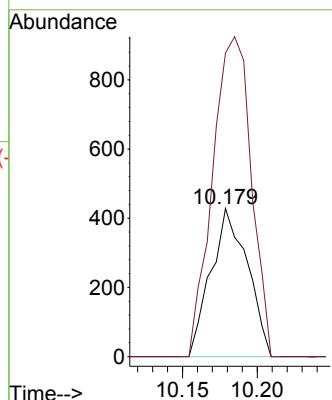
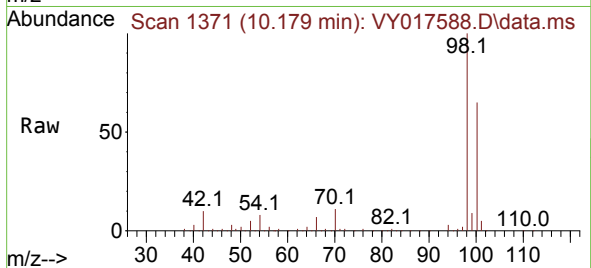




#51
4-Methyl-2-Pentanone
Concen: 1.024 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

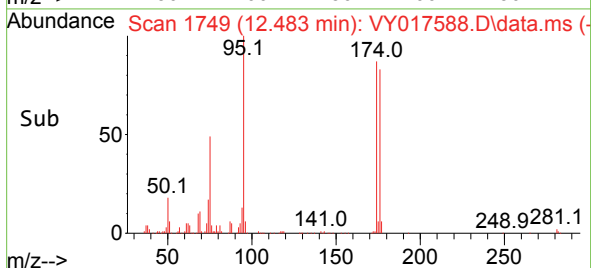
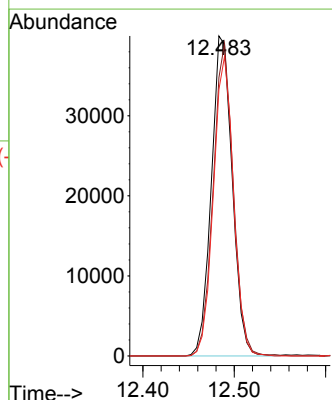
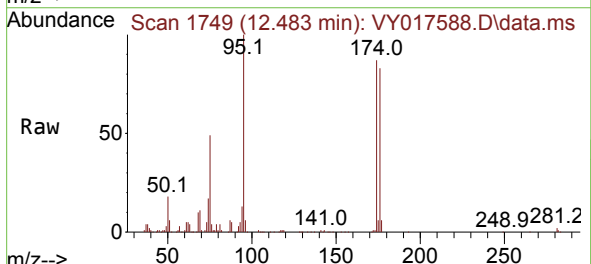
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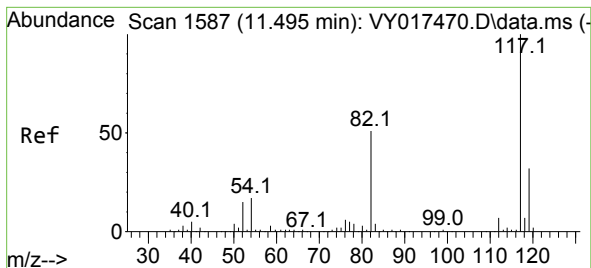
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 228.1 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 42.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

Tgt Ion: 95 Resp: 63547
Ion Ratio Lower Upper
95 100
174 93.7 0.0 175.6
176 89.7 0.0 171.4

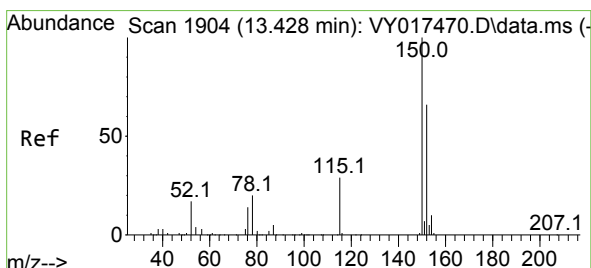
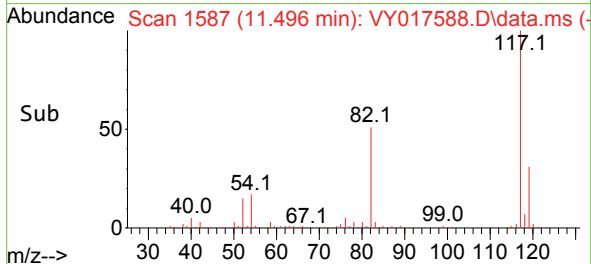
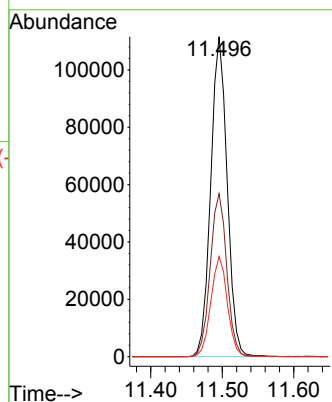
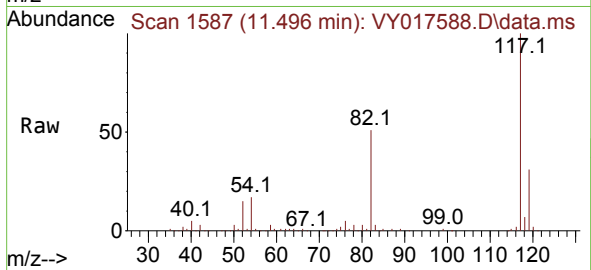




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

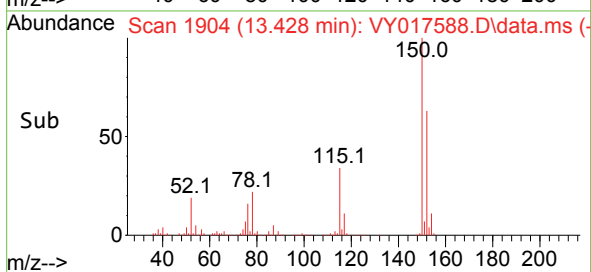
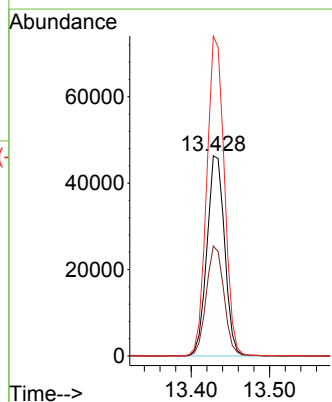
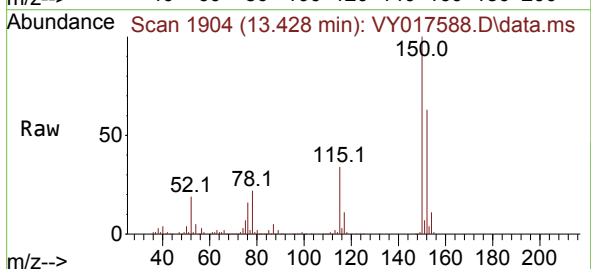
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

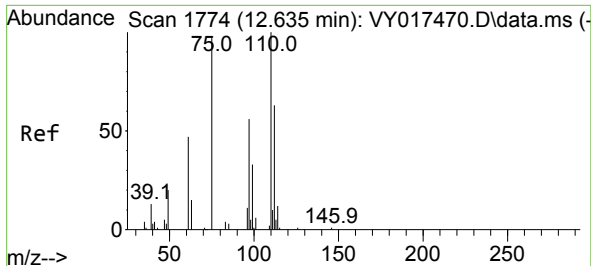
Tgt Ion:117 Resp: 178129
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

Tgt Ion:152 Resp: 72428
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 159.1 0.0 345.6

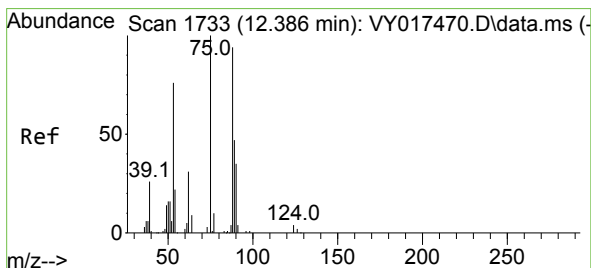
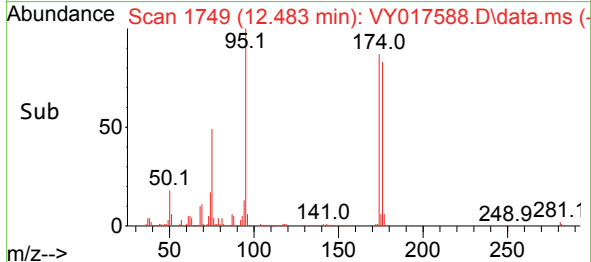
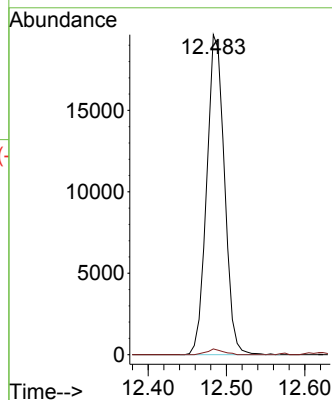
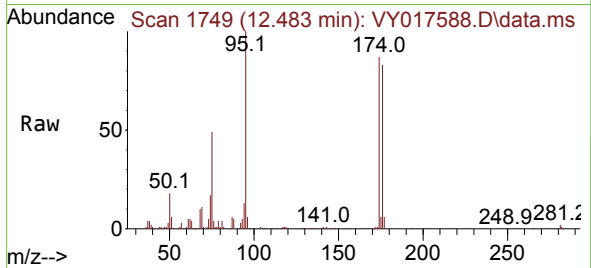




#76
1,2,3-Trichloropropane
Concen: 44.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

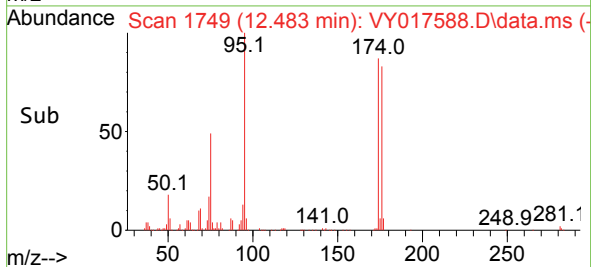
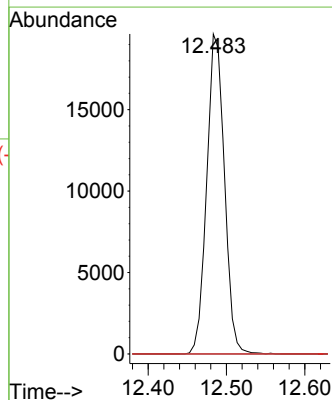
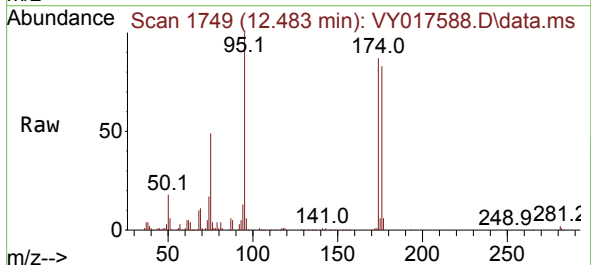
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

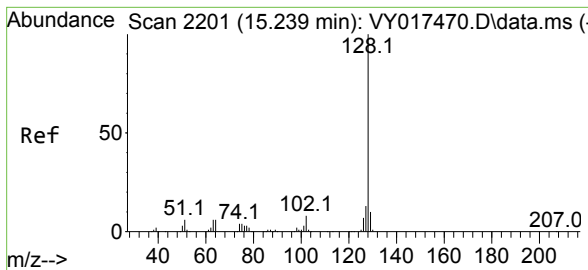
Tgt Ion: 75 Resp: 30816
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

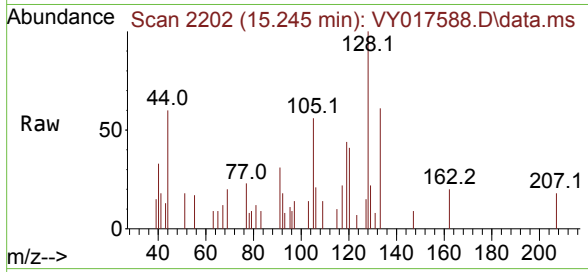
Tgt Ion: 75 Resp: 30816
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.347 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017588.D
Acq: 06 Mar 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524



Tgt Ion:	128	Resp:	1063
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.6	16.0
129	8.8	8.6	13.0

