

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019293.D
 Acq On : 27 Aug 2024 18:05
 Operator : SY/MD
 Sample : P3663-10
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 01:47:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

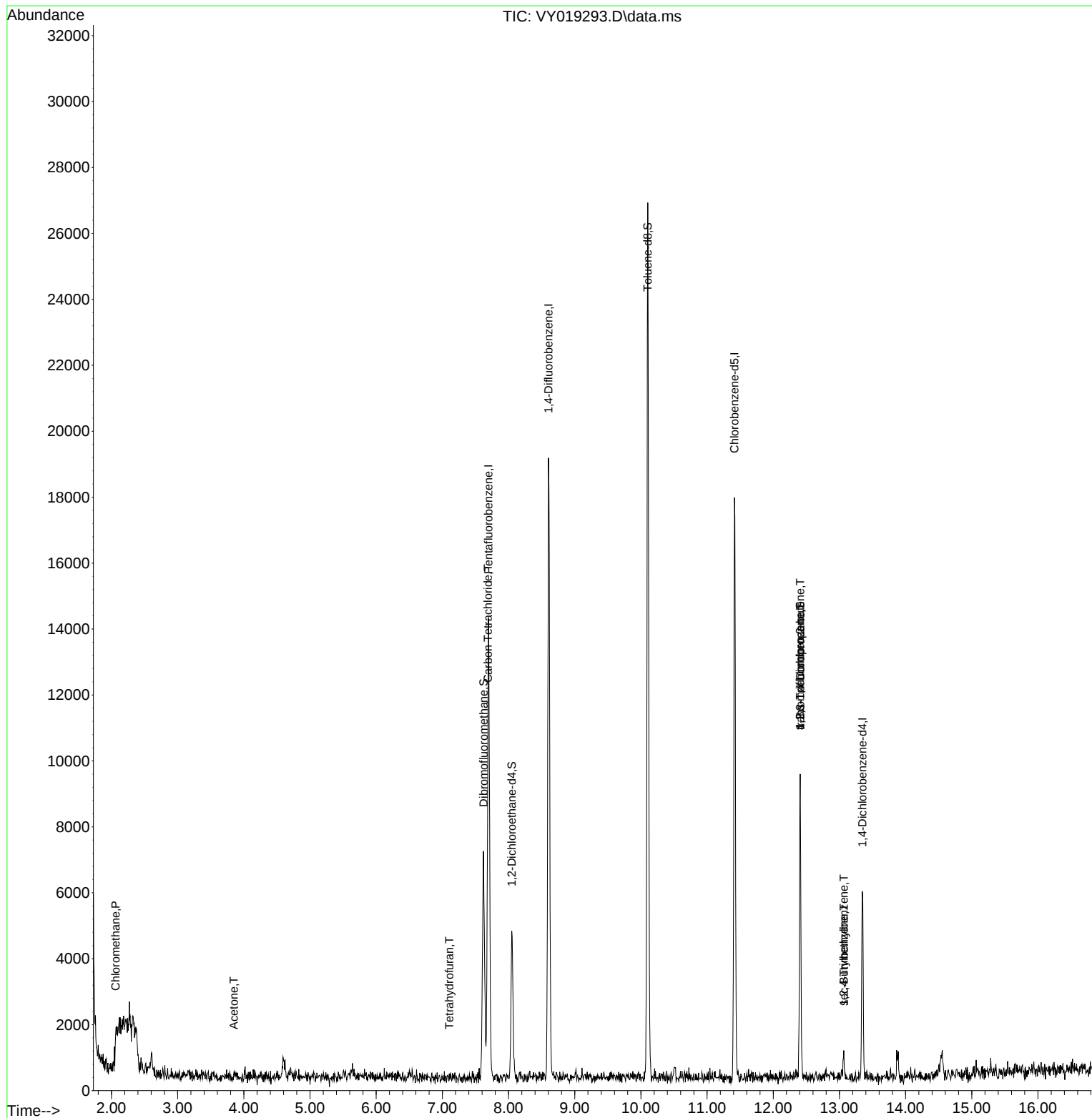
Internal Standards						
1) Pentafluorobenzene	7.695	168	11123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	17192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	9787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	3611	32.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.780%
35) Dibromofluoromethane	7.622	113	4746	42.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.440%
50) Toluene-d8	10.103	98	17232	42.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.200%
62) 4-Bromofluorobenzene	12.408	95	2658	19.274	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	38.540%
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	158	1.074	ug/l #	43
5) Bromomethane	2.580	94	38	Below Cal	#	3
16) Acetone	3.848	43	131	6.335	ug/l #	36
20) Methylene Chloride	4.598	84	230	Below Cal	#	69
29) Tetrahydrofuran	7.104	42	22	1.028	ug/l #	26
31) Cyclohexane	7.701	56	196	Below Cal	#	68
38) Carbon Tetrachloride	7.689	117	1068	5.970	ug/l #	13
76) 1,2,3-Trichloropropane	12.408	75	1472	82.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	1472	204.794	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.066	105	390	3.482	ug/l #	30
85) sec-Butylbenzene	13.066	105	390	2.579	ug/l #	56

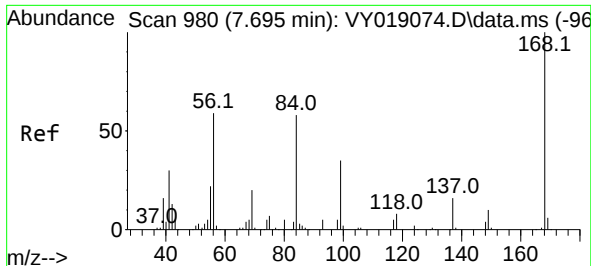
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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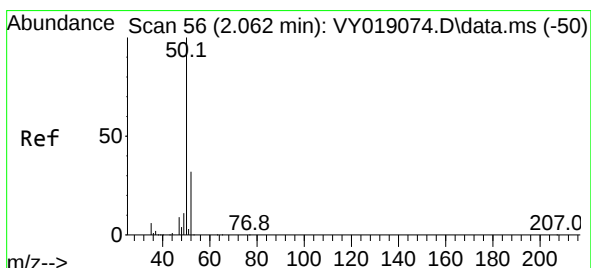
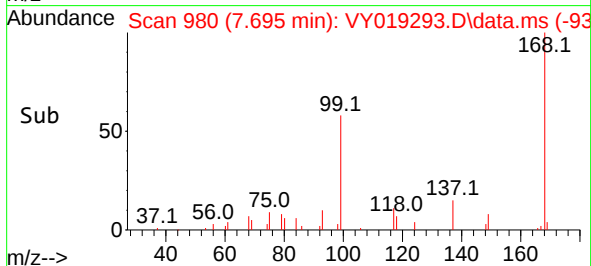
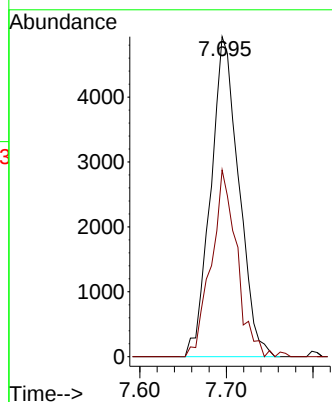
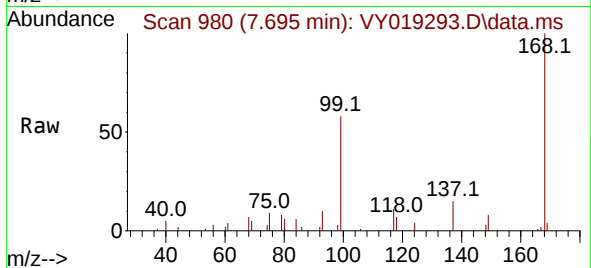




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

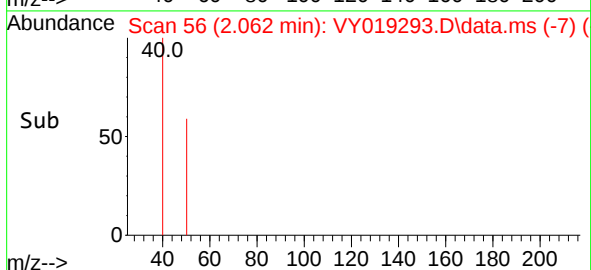
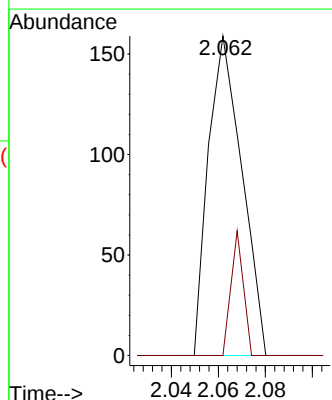
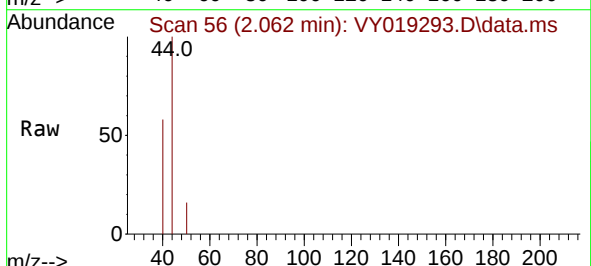
Instrument :
MSVOA_Y
ClientSampleId :

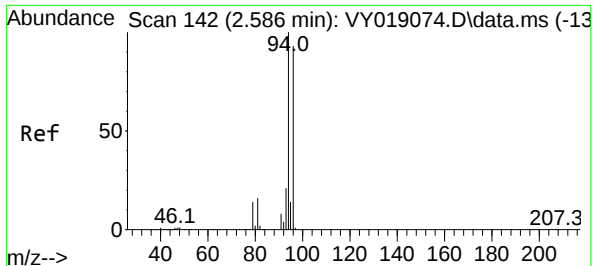
Tgt Ion:168 Resp: 11123
Ion Ratio Lower Upper
168 100
99 58.4 39.1 58.7



#3
Chloromethane
Concen: 1.074 ug/l
RT: 2.062 min Scan# 56
Delta R.T. -0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

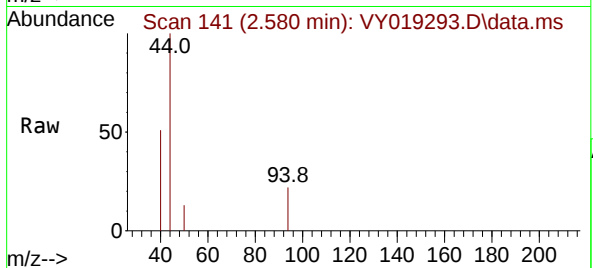
Tgt Ion: 50 Resp: 158
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



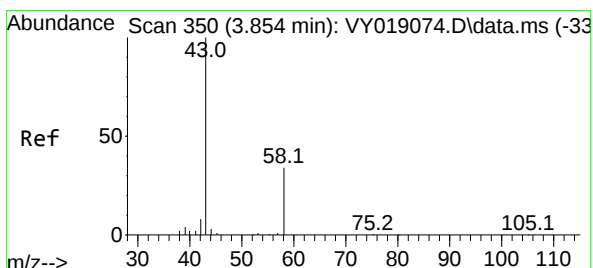
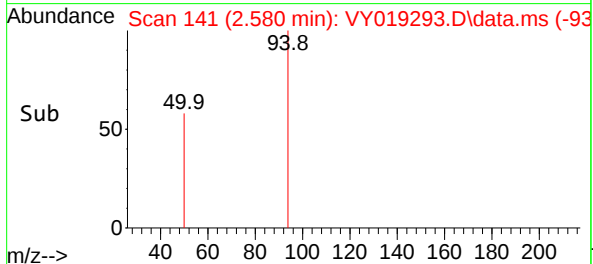
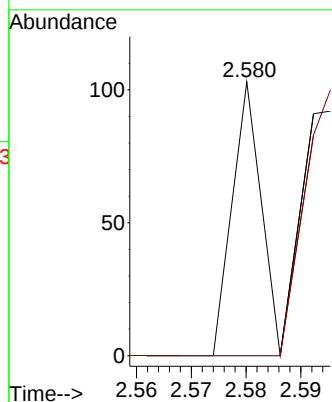


#5
Bromomethane
Concen: Below Cal
RT: 2.580 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

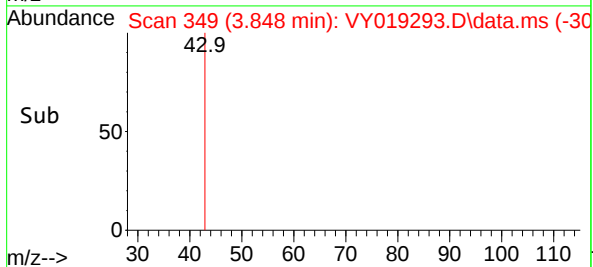
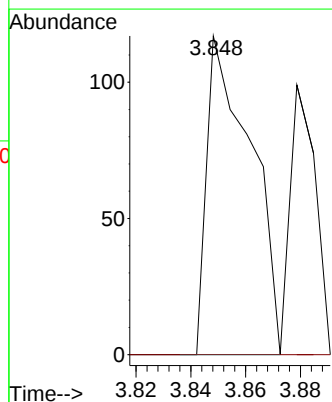
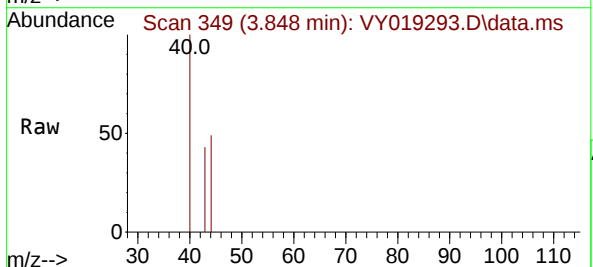


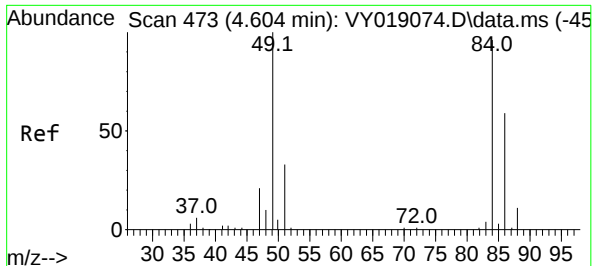
Tgt Ion: 94 Resp: 38
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#16
Acetone
Concen: 6.335 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

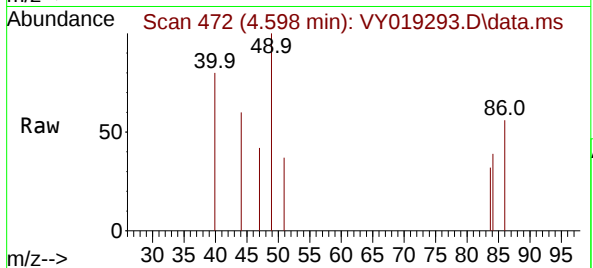
Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





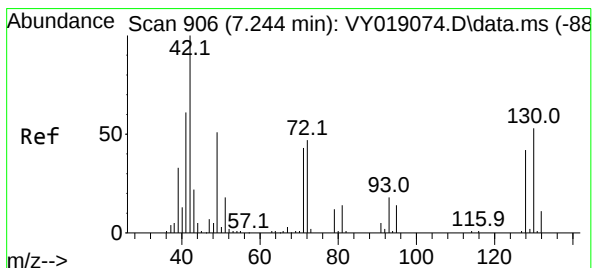
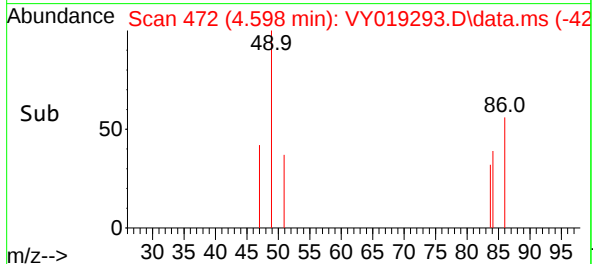
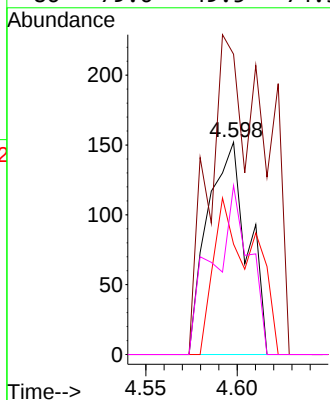
#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 230

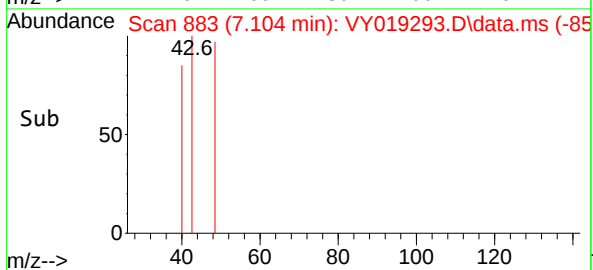
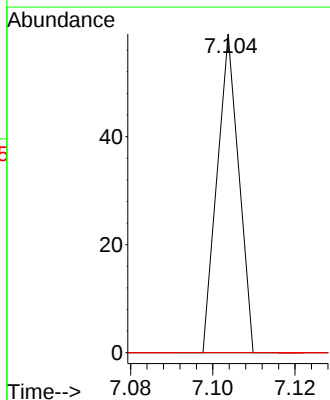
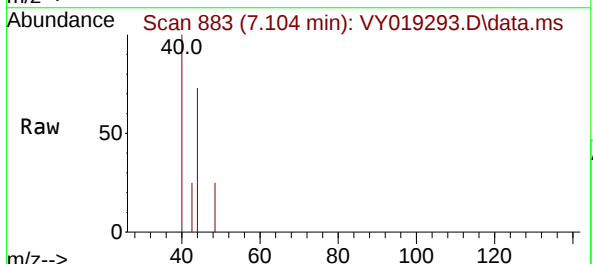
Ion	Ratio	Lower	Upper
84	100		
49	141.4	84.4	126.6#
51	52.0	26.0	39.0#
86	79.6	49.5	74.3#

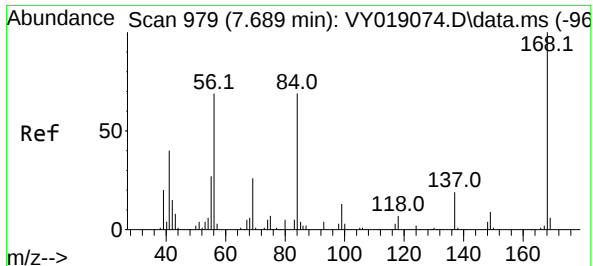


#29
Tetrahydrofuran
Concen: 1.028 ug/l
RT: 7.104 min Scan# 883
Delta R.T. -0.140 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Tgt Ion: 42 Resp: 22

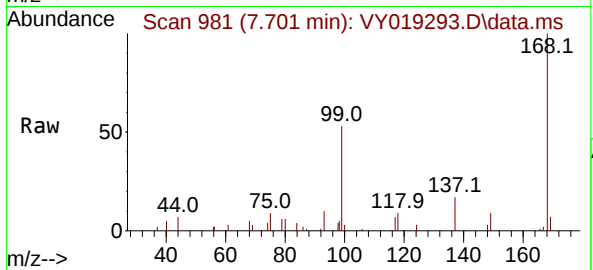
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



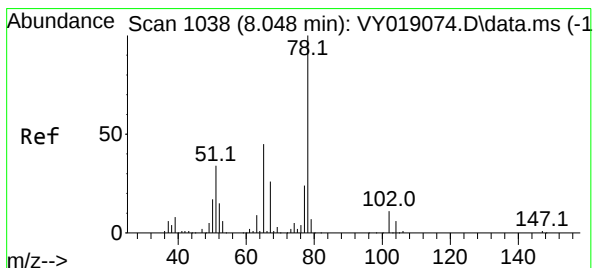
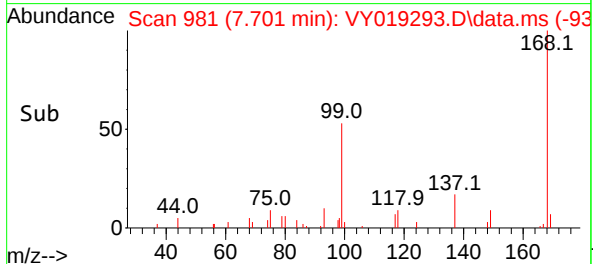
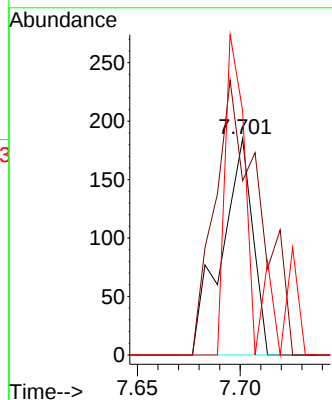


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

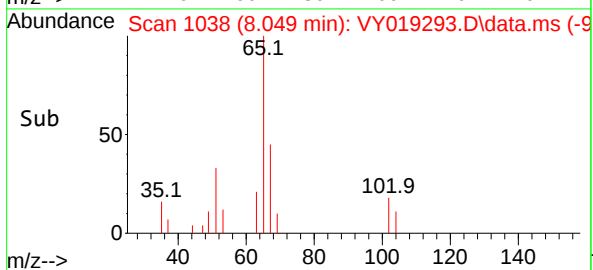
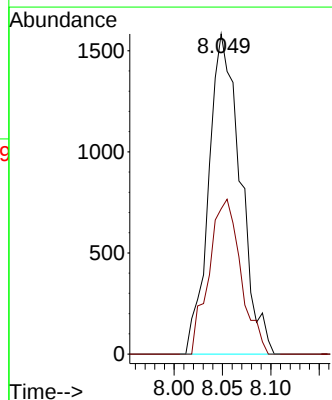
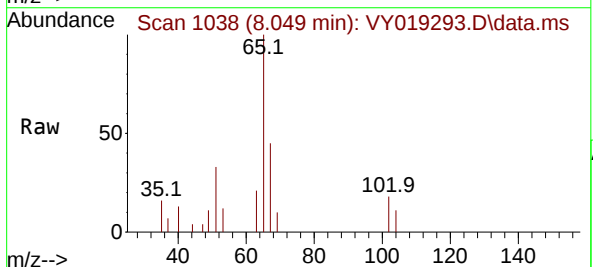


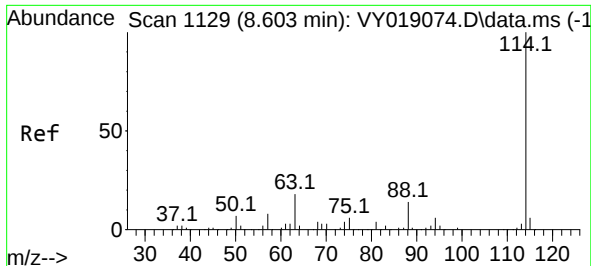
Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
69 80.5 28.7 43.1#
84 113.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 32.386 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Tgt Ion: 65 Resp: 3611
Ion Ratio Lower Upper
65 100
67 48.6 0.0 109.6

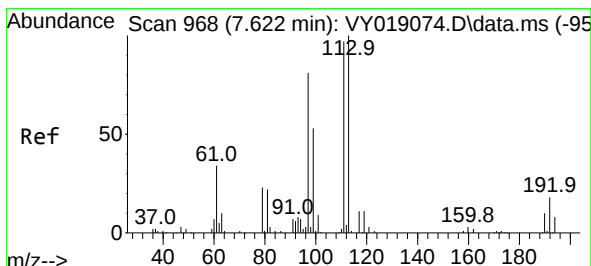
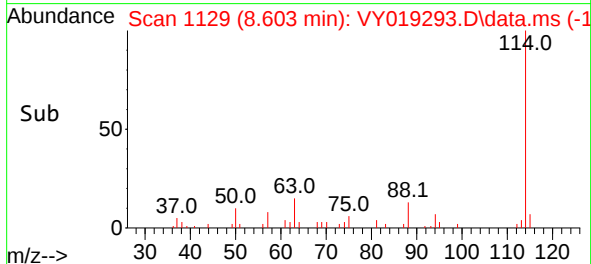
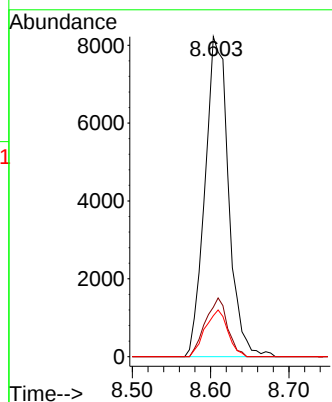
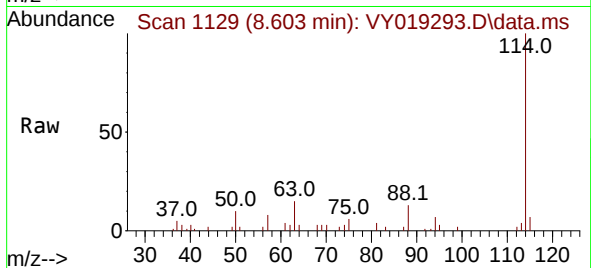




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

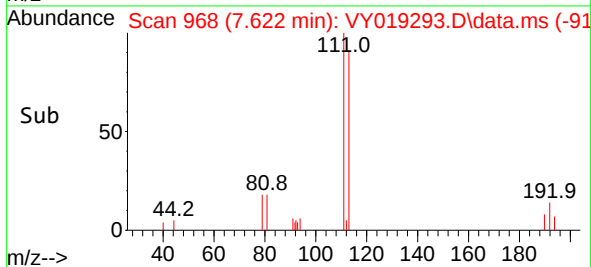
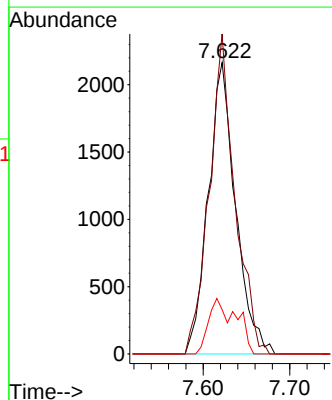
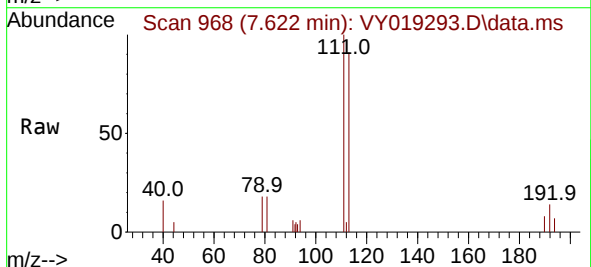
Instrument :
MSVOA_Y
ClientSampleId :

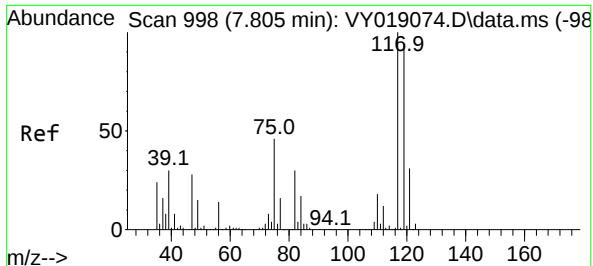
Tgt Ion:114 Resp: 17192
Ion Ratio Lower Upper
114 100
63 15.4 0.0 35.0
88 12.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 42.220 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

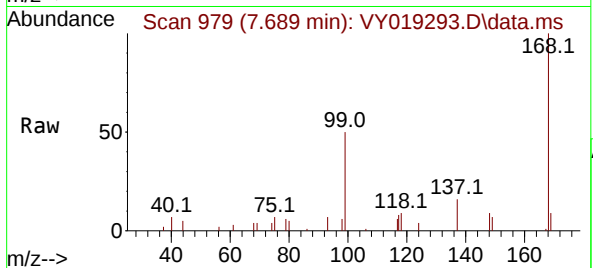
Tgt Ion:113 Resp: 4746
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 11.8 15.9 23.9#



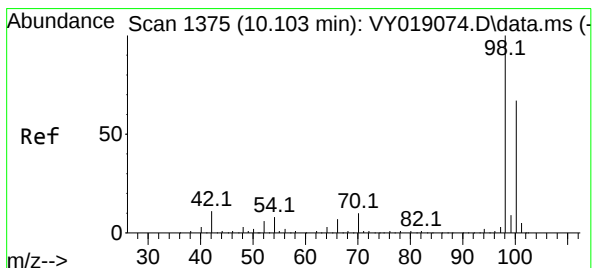
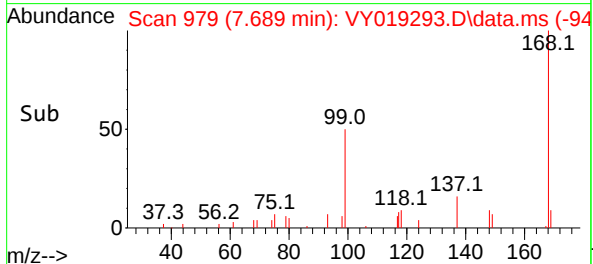
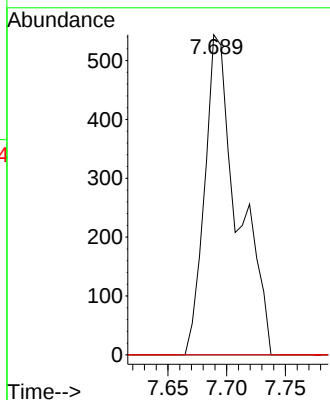


#38
Carbon Tetrachloride
Concen: 5.970 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

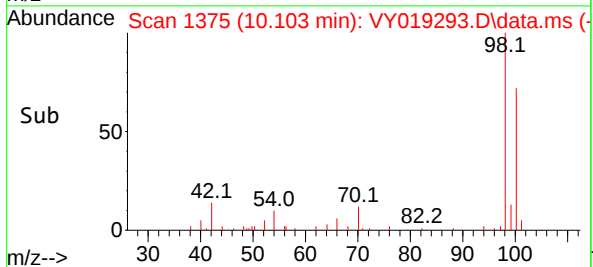
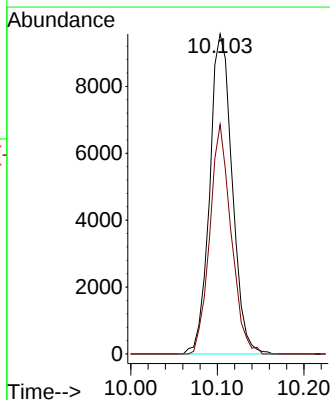
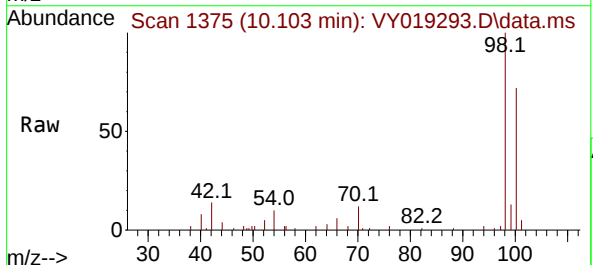


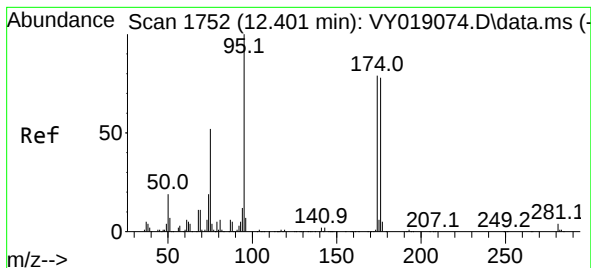
Tgt Ion:117 Resp: 1068
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 42.598 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Tgt Ion: 98 Resp: 17232
Ion Ratio Lower Upper
98 100
100 68.1 52.0 78.0

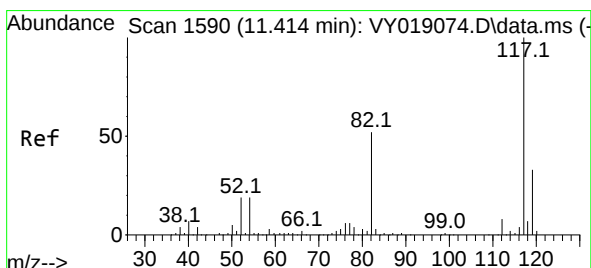
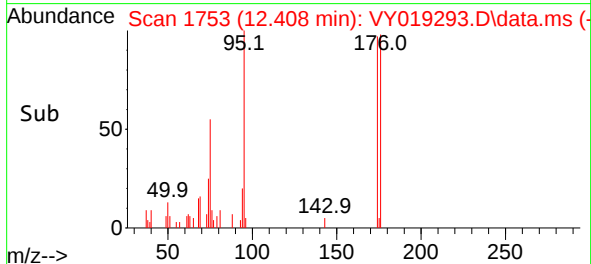
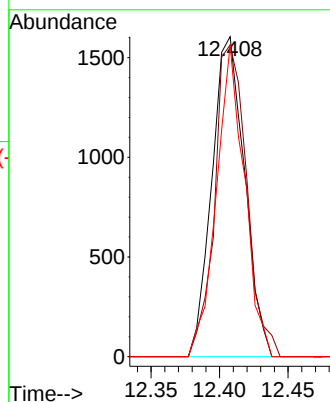
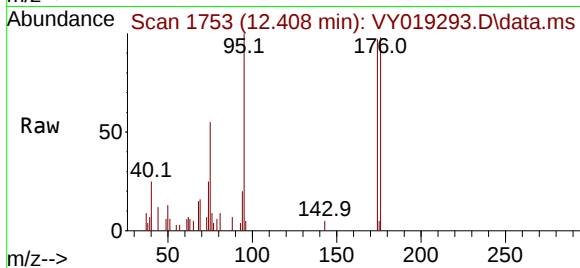




#62
4-Bromofluorobenzene
Concen: 19.274 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

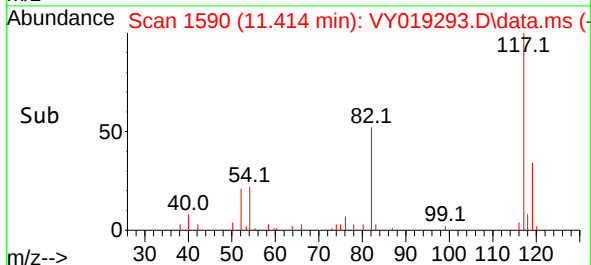
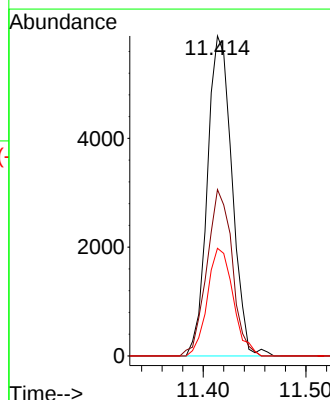
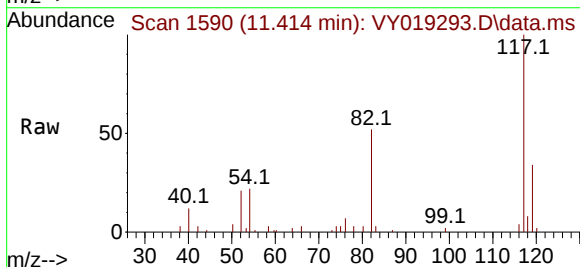
Instrument :
MSVOA_Y
ClientSampleId :

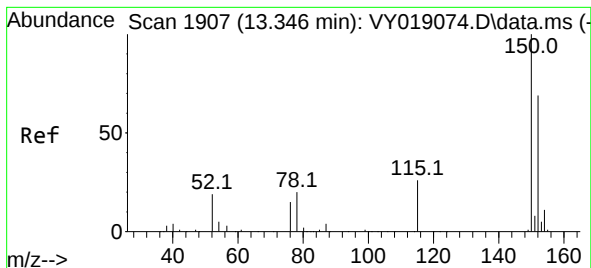
Tgt Ion:	95	Resp:	2658
Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	175.6
176	84.0	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Tgt Ion:	117	Resp:	9787
Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.4	63.6
119	33.7	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019293.D

Acq: 27 Aug 2024 18:05

Instrument :

MSVOA_Y

ClientSampleId :

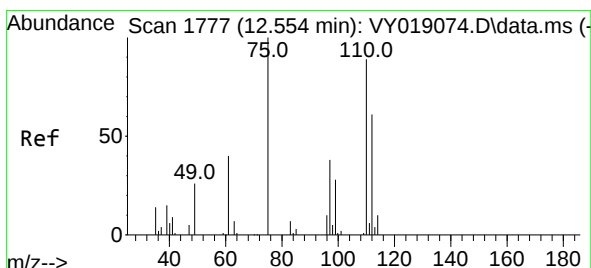
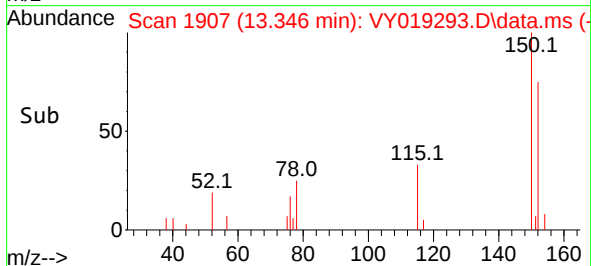
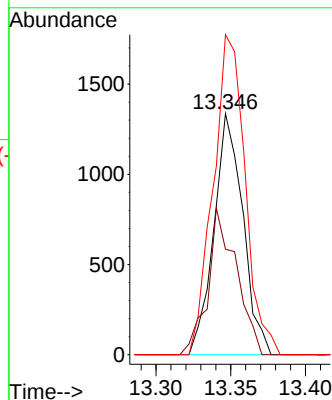
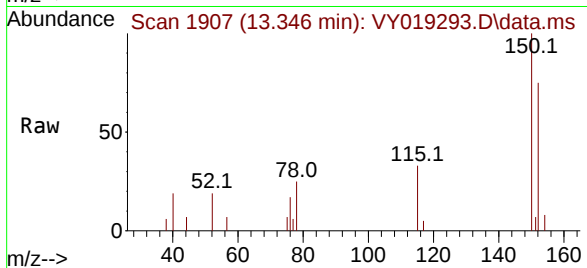
Tgt Ion:152 Resp: 1800

Ion Ratio Lower Upper

152 100

115 59.4 28.2 84.7

150 146.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 82.924 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019293.D

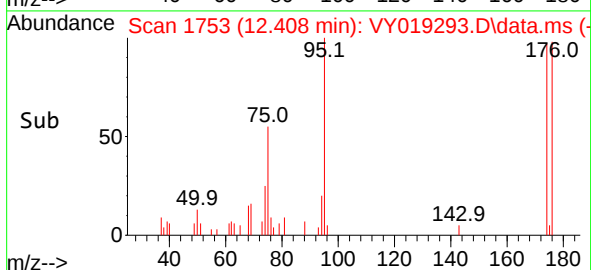
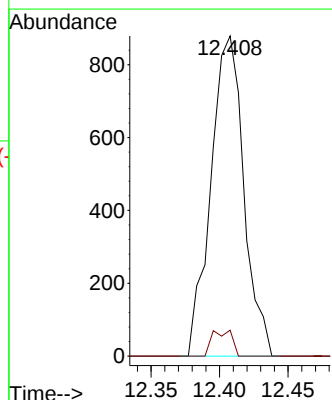
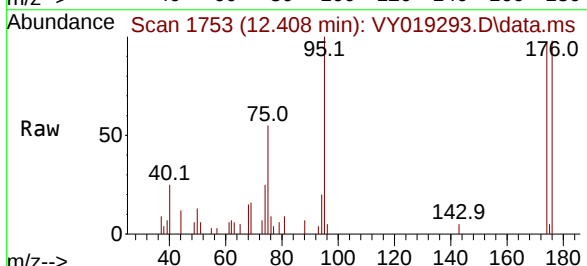
Acq: 27 Aug 2024 18:05

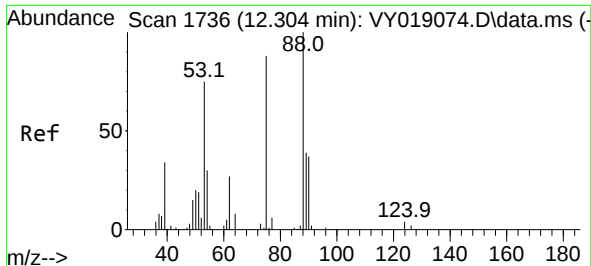
Tgt Ion: 75 Resp: 1472

Ion Ratio Lower Upper

75 100

77 4.9 0.0 0.0#

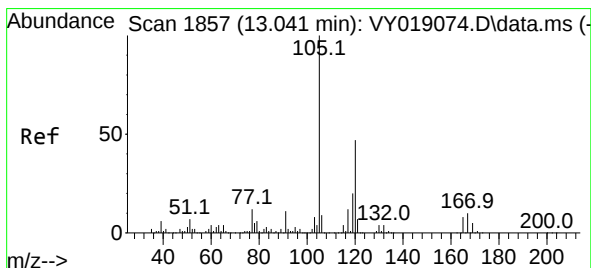
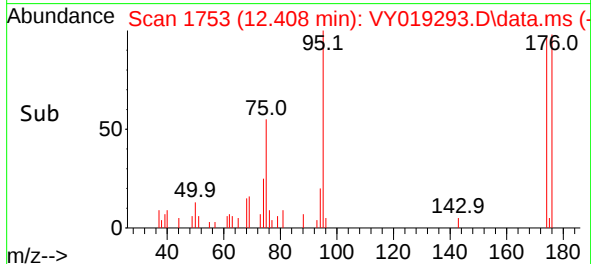
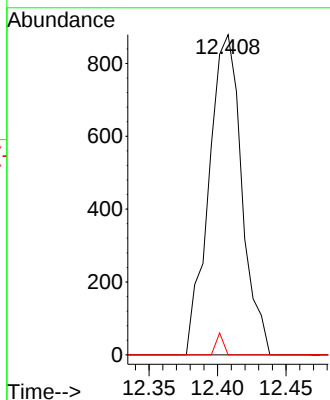
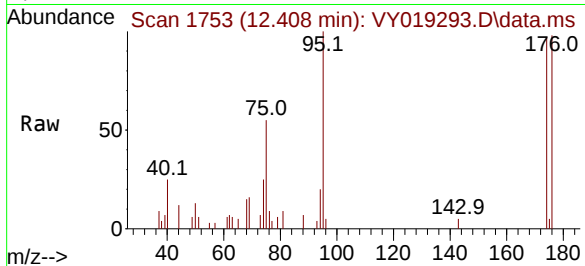




#81
trans-1,4-Dichloro-2-butene
Concen: 204.794 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

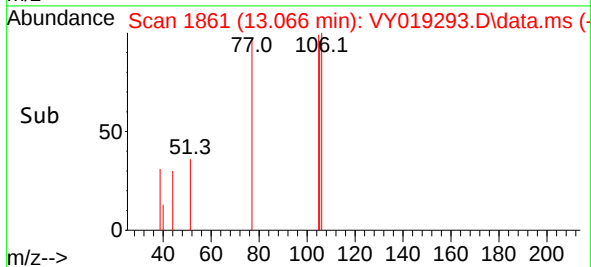
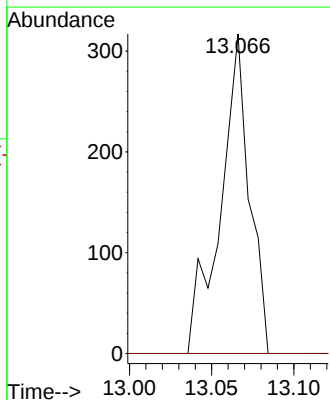
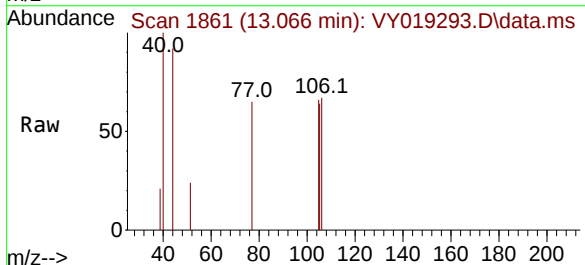
Instrument :
MSVOA_Y
ClientSampleId :

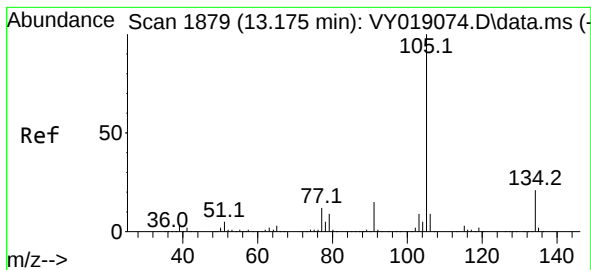
Tgt Ion: 75 Resp: 1472
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 1.5 35.8 53.6#



#84
1,2,4-Trimethylbenzene
Concen: 3.482 ug/l
RT: 13.066 min Scan# 1861
Delta R.T. 0.025 min
Lab File: VY019293.D
Acq: 27 Aug 2024 18:05

Tgt Ion: 105 Resp: 390
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#





#85

sec-Butylbenzene

Concen: 2.579 ug/l

RT: 13.066 min Scan# 11

Delta R.T. -0.109 min

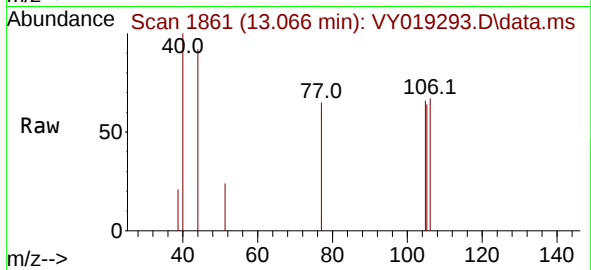
Lab File: VY019293.D

Acq: 27 Aug 2024 18:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:105 Resp: 390

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#

