

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009419.D
 Acq On : 01 Jul 2022 13:56
 Operator : KP/MD
 Sample : N3538-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GS-4A

Quant Time: Jul 05 02:45:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

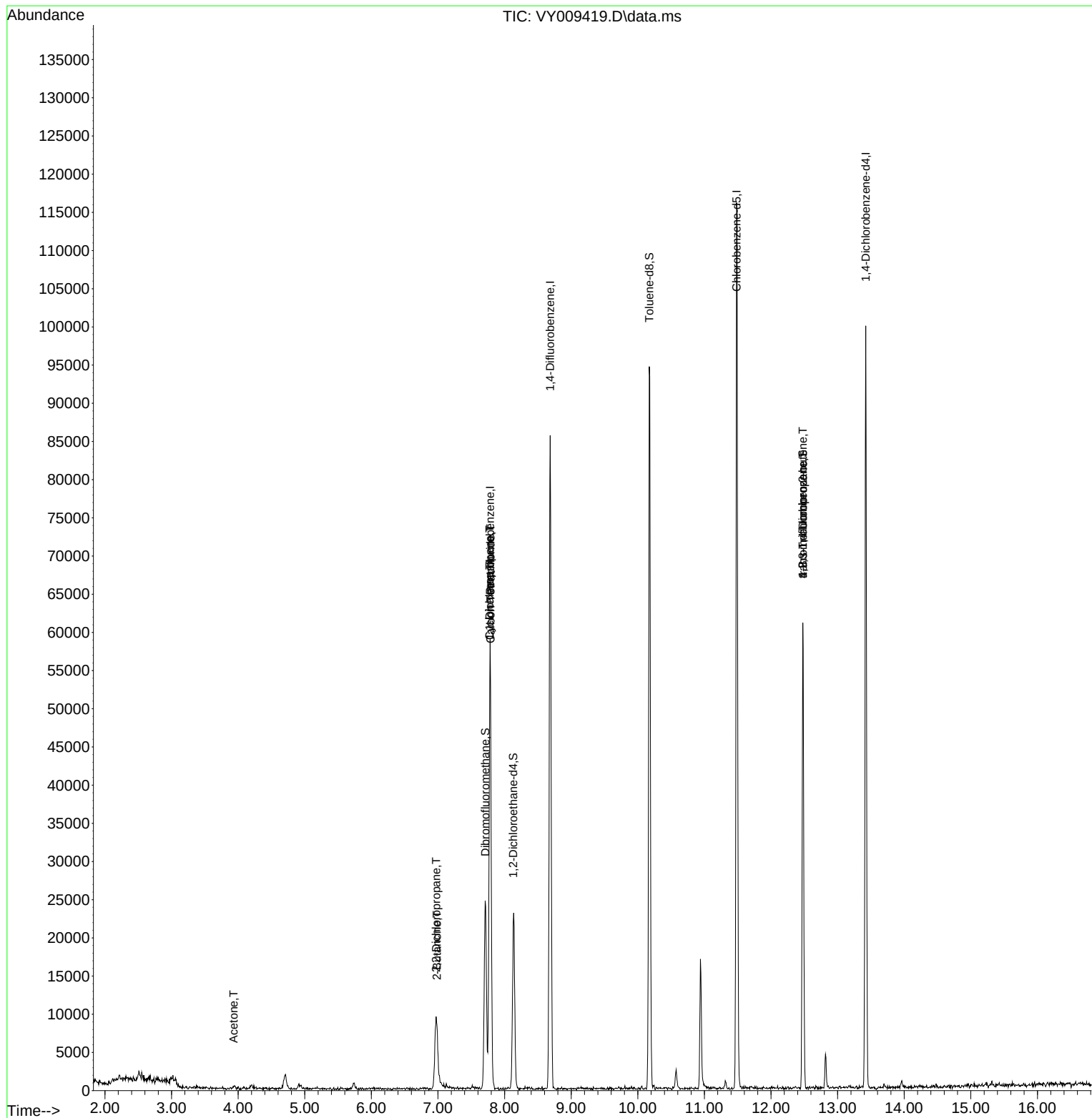
Internal Standards						
1) Pentafluorobenzene	7.783	168	44276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	70918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	63439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	17428	49.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.280%
35) Dibromofluoromethane	7.709	113	17062	43.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.420%
50) Toluene-d8	10.172	98	61188	51.130	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.477	95	16344	28.797	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	445	Below Cal	#	77
16) Acetone	3.930	43	584	5.014	ug/l #	47
18) Methyl Acetate	4.192	43	46	Below Cal	#	56
20) Methylene Chloride	4.698	84	1360	Below Cal	#	79
25) 2-Butanone	6.984	43	636	3.444	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	841	1.027	ug/l #	55
31) Cyclohexane	7.776	56	1058	1.326	ug/l #	71
36) 1,1-Dichloropropene	7.776	75	3483	5.104	ug/l #	54
38) Carbon Tetrachloride	7.789	117	4353	6.102	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	8622	29.632	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8622	65.976	ug/l #	7

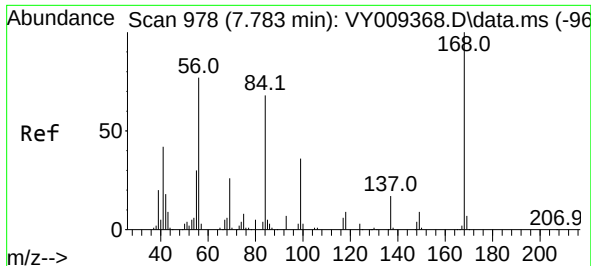
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
Data File : VY009419.D
Acq On : 01 Jul 2022 13:56
Operator : KP/MD
Sample : N3538-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GS-4A

Quant Time: Jul 05 02:45:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

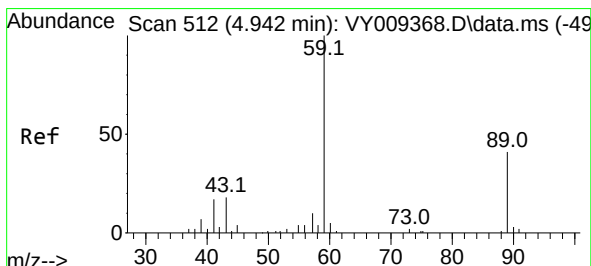
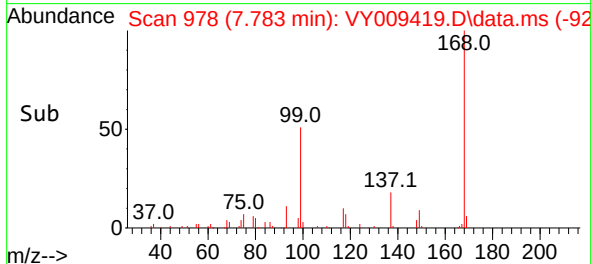
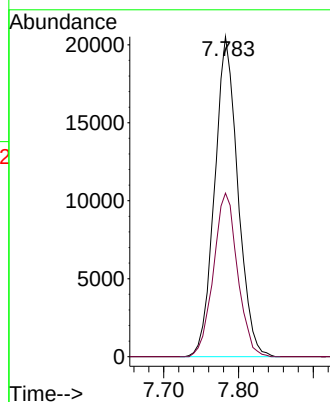
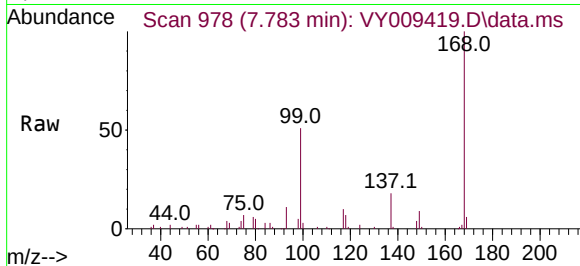




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

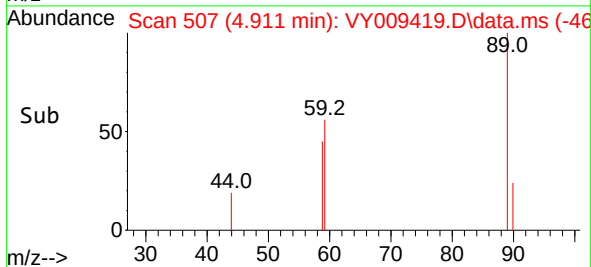
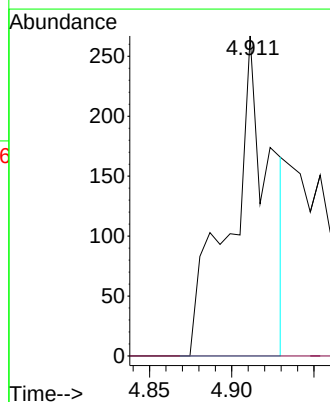
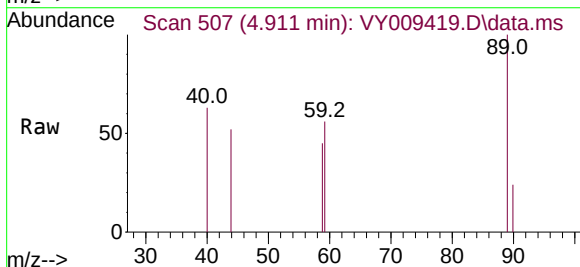
Instrument :
MSVOA_Y
ClientSampleId :
GS-4A

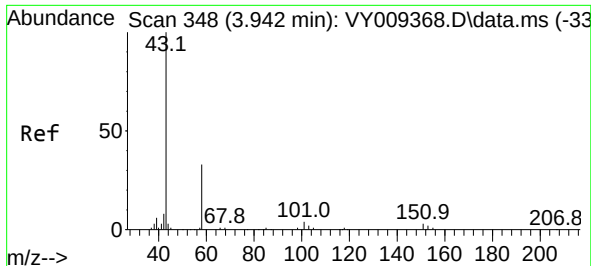
Tgt Ion:168 Resp: 44276
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.031 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

Tgt Ion: 59 Resp: 445
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

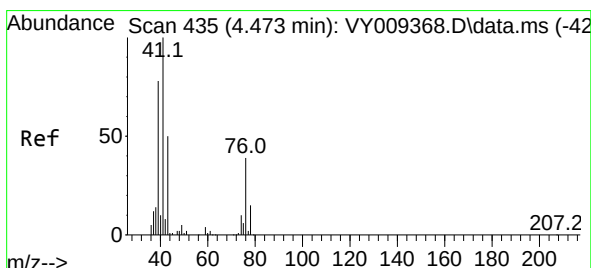
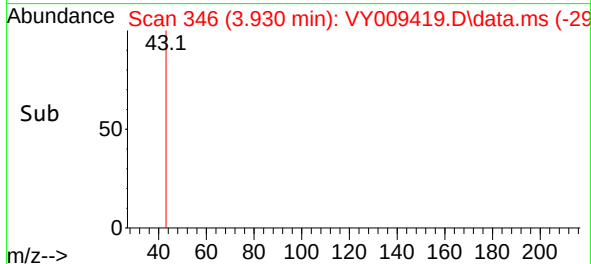
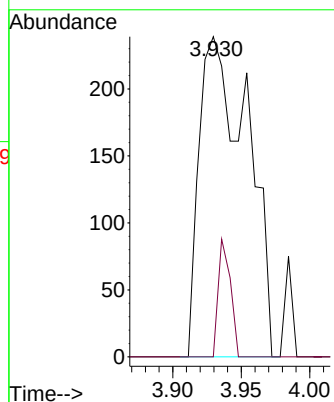
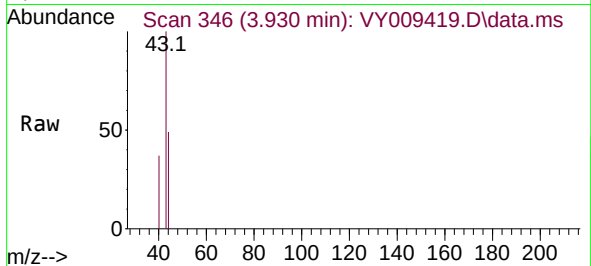




#16
Acetone
Concen: 5.014 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

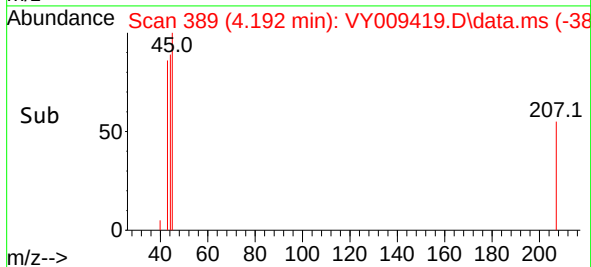
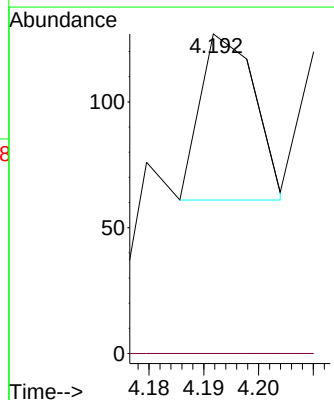
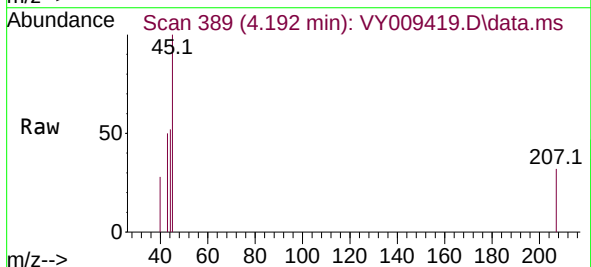
Instrument :
MSVOA_Y
ClientSampleId :
GS-4A

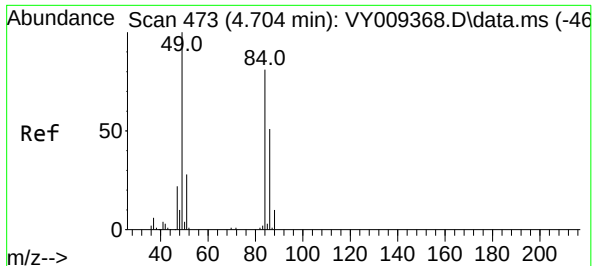
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. -0.281 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

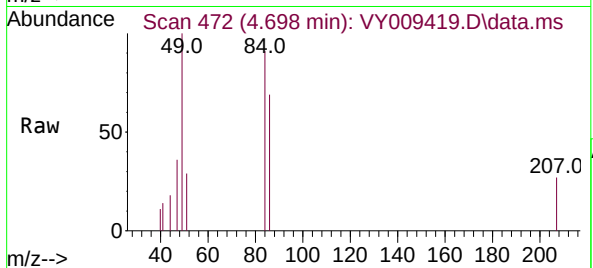
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



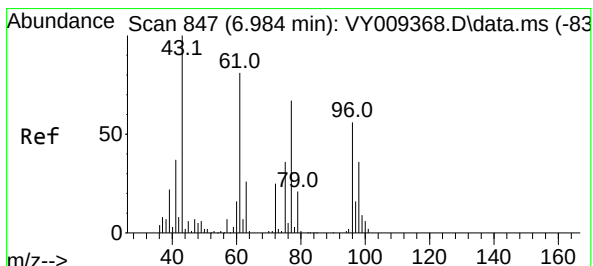
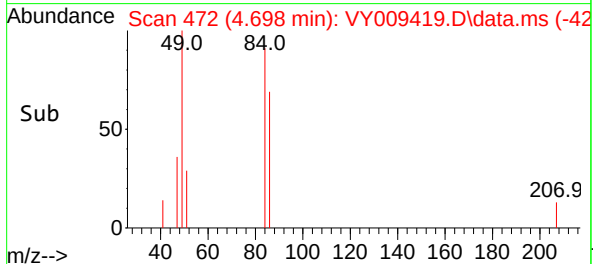
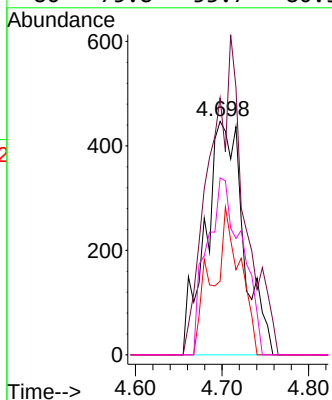


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :
GS-4A

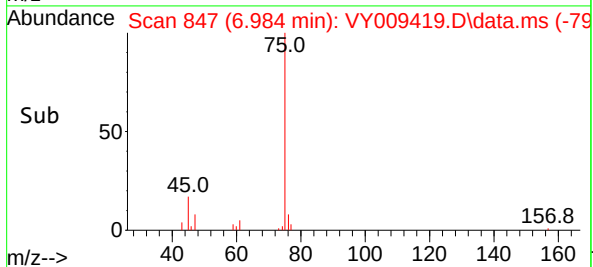
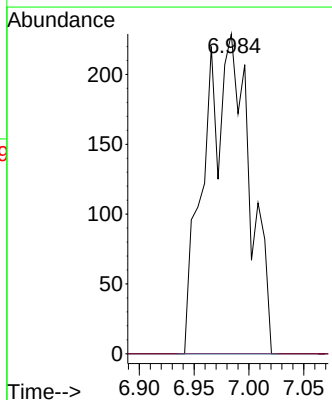
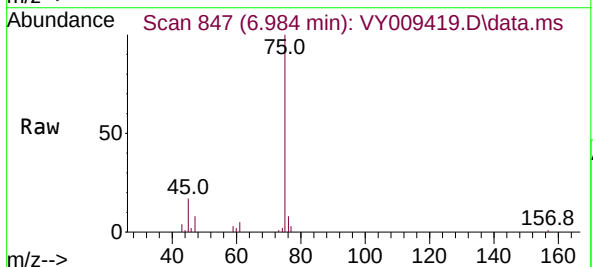


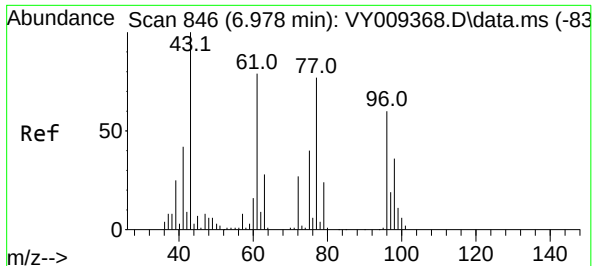
Tgt Ion:	84	Resp:	1360
Ion	Ratio	Lower	Upper
84	100		
49	110.1	114.4	171.6#
51	31.5	35.3	52.9#
86	75.8	53.7	80.5



#25
2-Butanone
Concen: 3.444 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

Tgt Ion:	43	Resp:	636
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.027 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009419.D

Acq: 01 Jul 2022 13:56

Instrument :

MSVOA_Y

ClientSampleId :

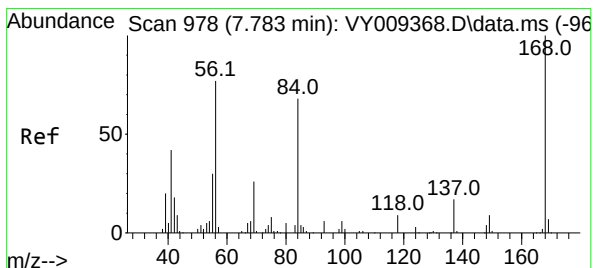
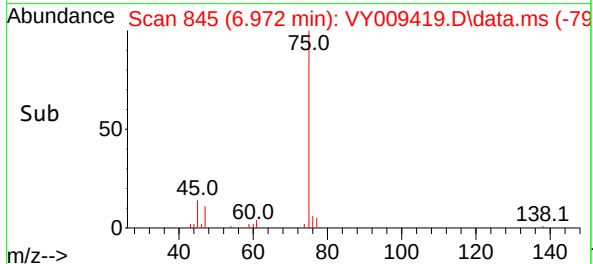
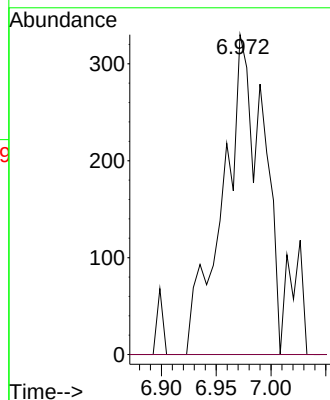
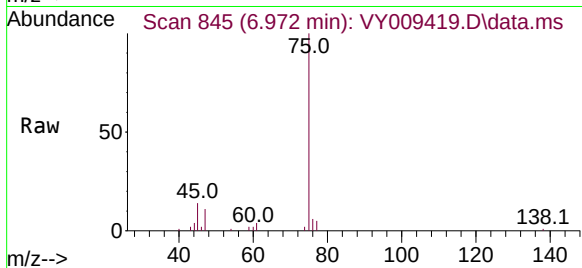
GS-4A

Tgt Ion: 77 Resp: 841

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.326 ug/l

RT: 7.776 min Scan# 977

Delta R.T. -0.007 min

Lab File: VY009419.D

Acq: 01 Jul 2022 13:56

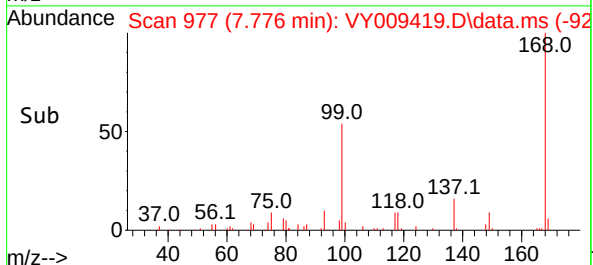
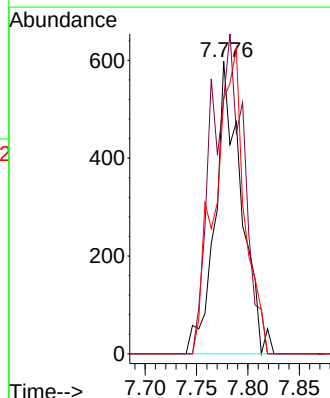
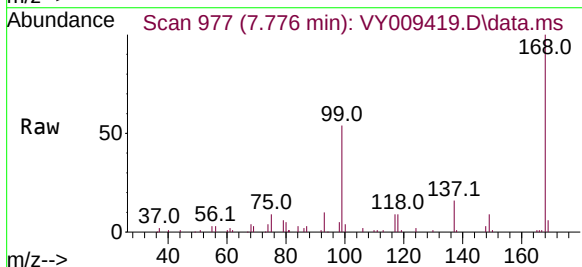
Tgt Ion: 56 Resp: 1058

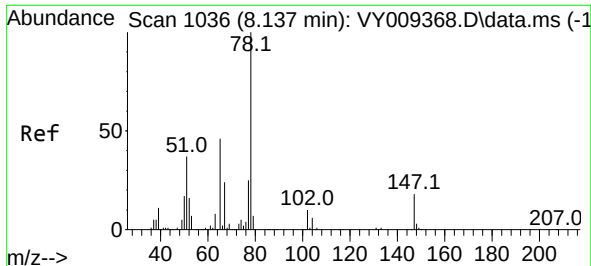
Ion Ratio Lower Upper

56 100

69 87.1 26.7 40.1#

84 87.3 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 49.144 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009419.D

Acq: 01 Jul 2022 13:56

Instrument :

MSVOA_Y

ClientSampleId :

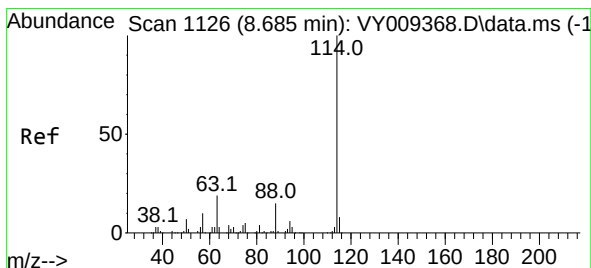
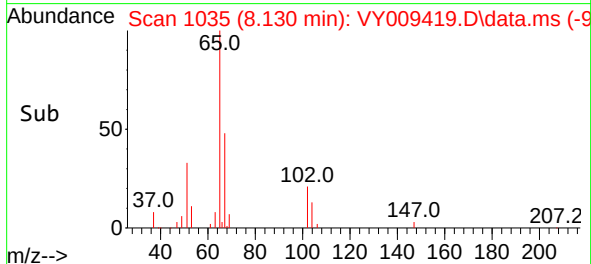
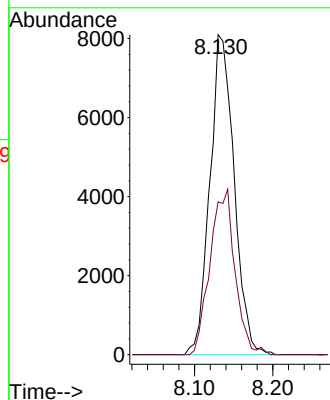
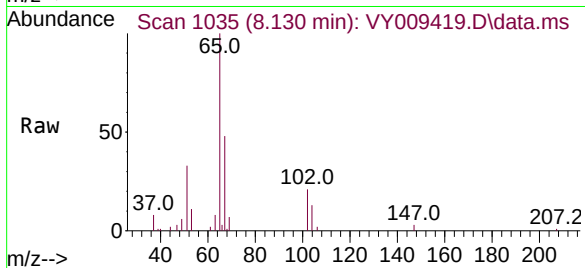
GS-4A

Tgt Ion: 65 Resp: 17428

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009419.D

Acq: 01 Jul 2022 13:56

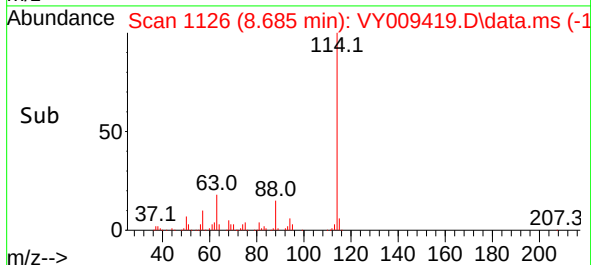
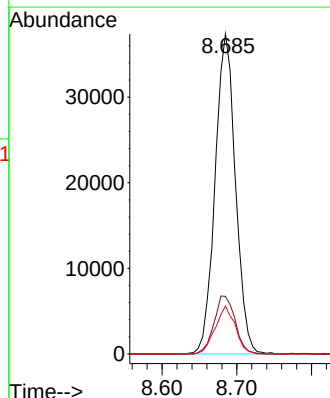
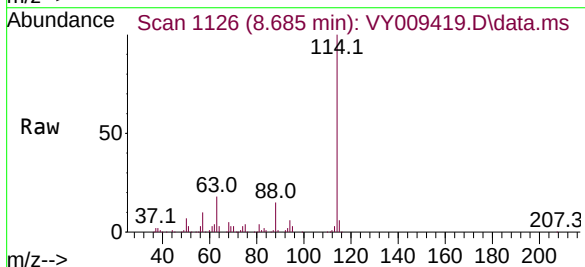
Tgt Ion:114 Resp: 70918

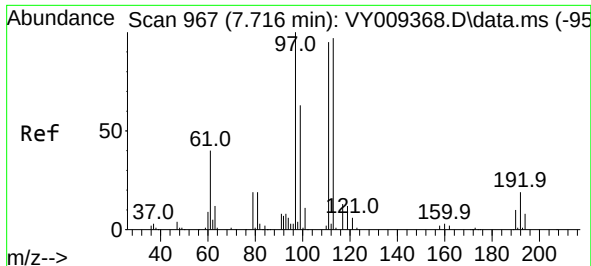
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.9 0.0 31.8

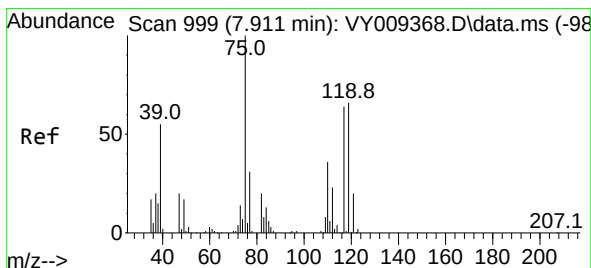
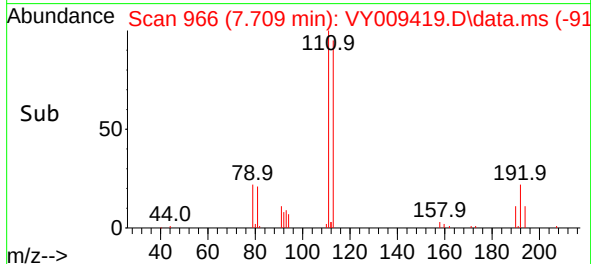
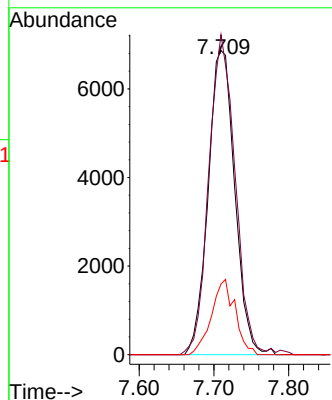
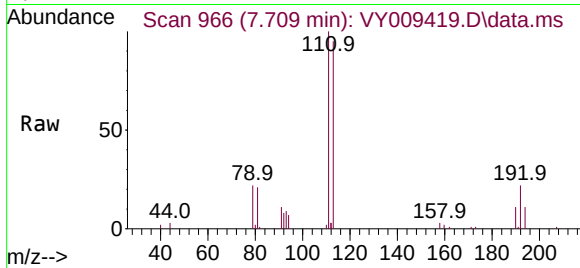




#35
Dibromofluoromethane
Concen: 43.713 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

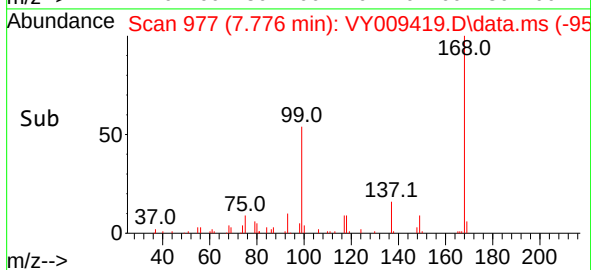
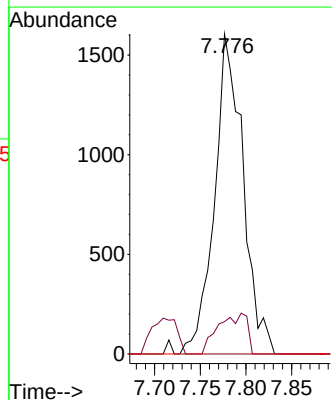
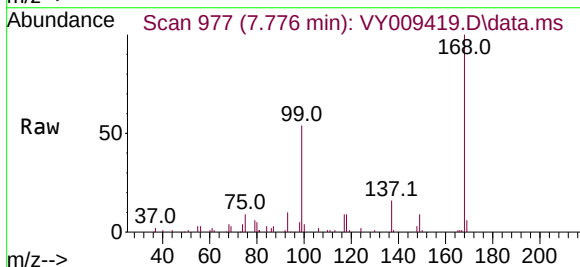
Instrument :
MSVOA_Y
ClientSampleId :
GS-4A

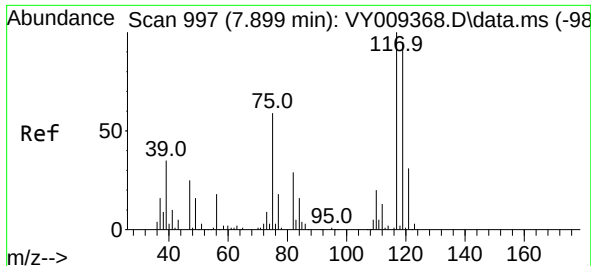
Tgt Ion:113 Resp: 17062
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 22.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.135 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

Tgt Ion: 75 Resp: 3483
Ion Ratio Lower Upper
75 100
110 12.9 17.1 51.2#
77 0.0 24.4 36.6#

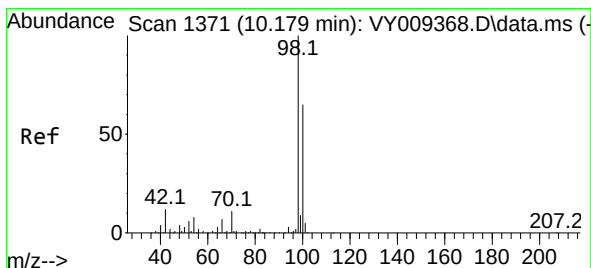
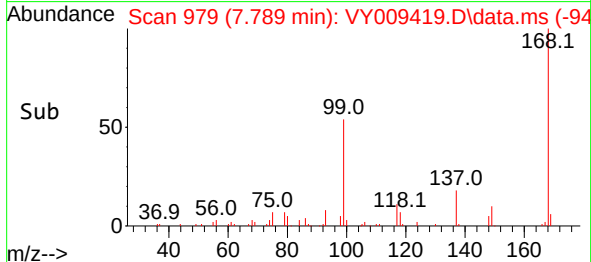
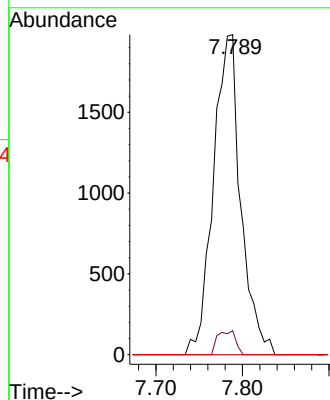
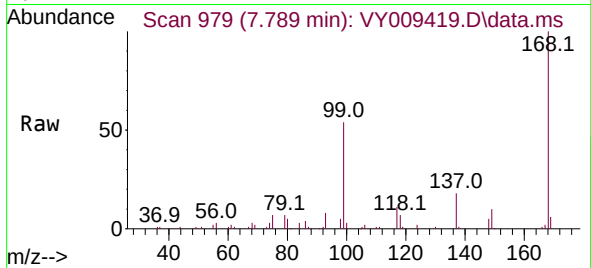




#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

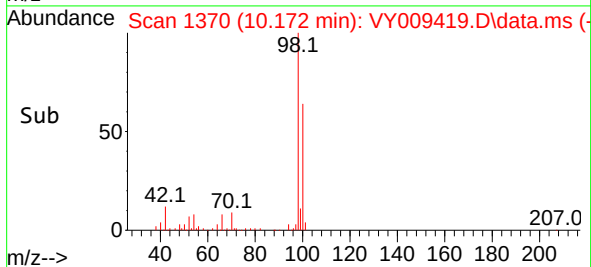
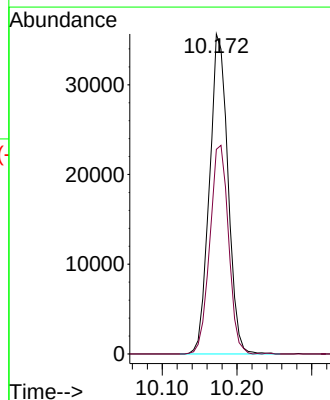
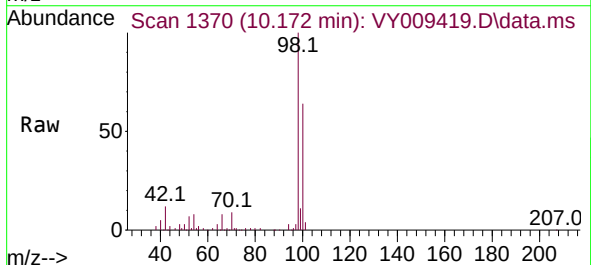
Instrument :
MSVOA_Y
ClientSampleId :
GS-4A

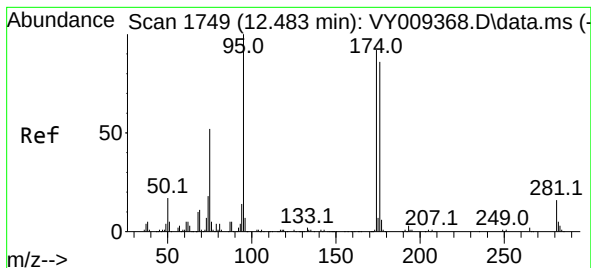
Tgt Ion:117 Resp: 4353
Ion Ratio Lower Upper
117 100
119 7.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.130 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

Tgt Ion: 98 Resp: 61188
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

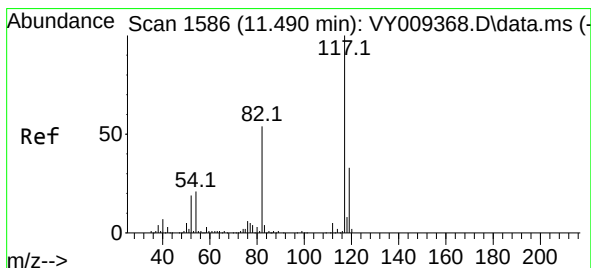
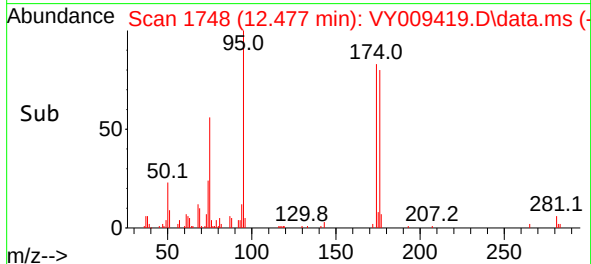
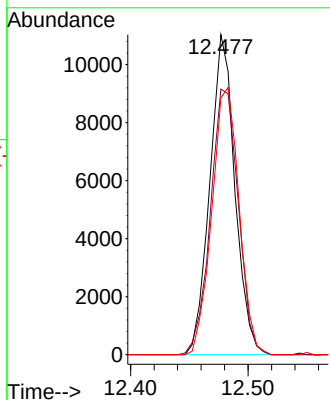
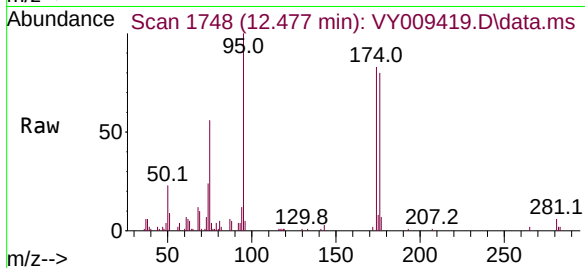




#62
4-Bromofluorobenzene
Concen: 28.797 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

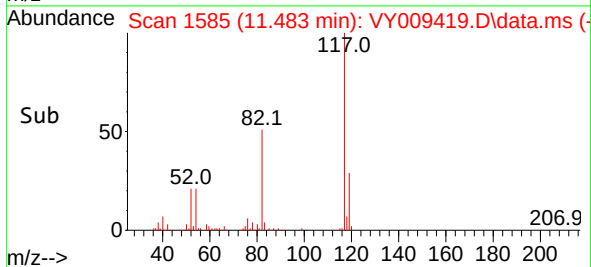
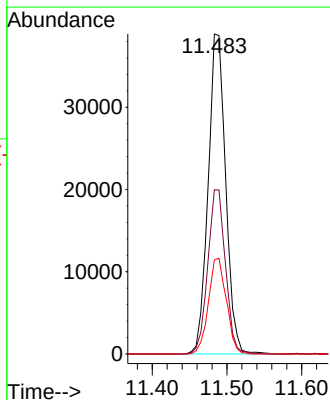
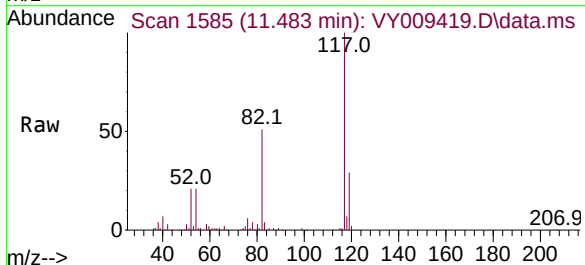
Instrument :
MSVOA_Y
ClientSampleId :
GS-4A

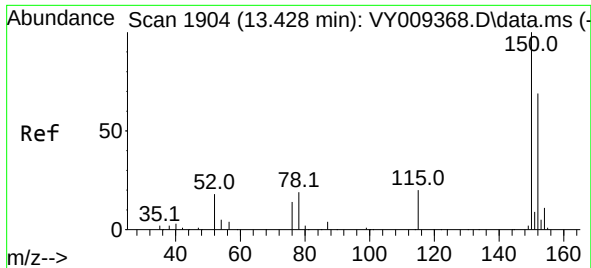
Tgt Ion: 95 Resp: 16344
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 90.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY009419.D
Acq: 01 Jul 2022 13:56

Tgt Ion: 117 Resp: 63439
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 29.3 25.4 38.0

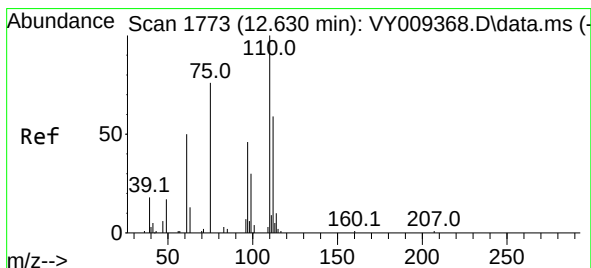
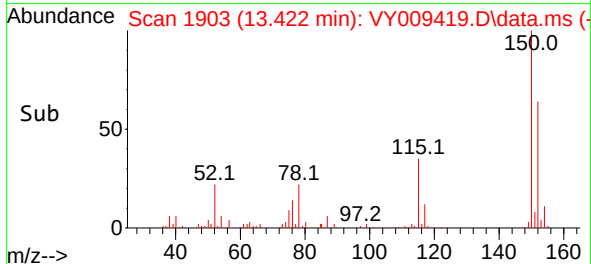
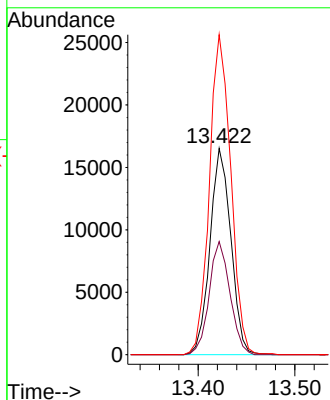
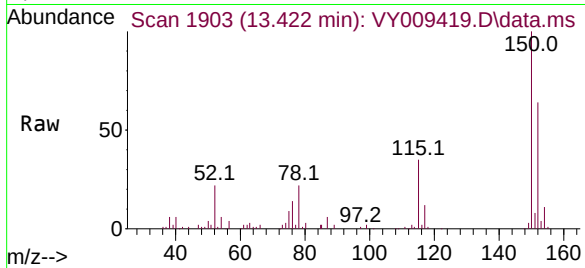




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY009419.D
 Acq: 01 Jul 2022 13:56

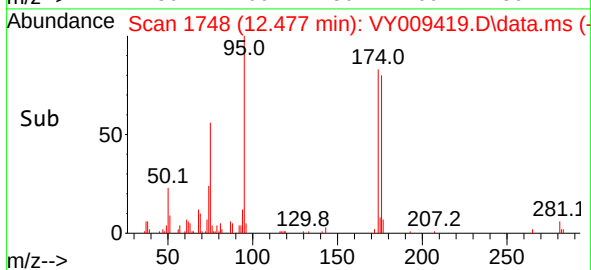
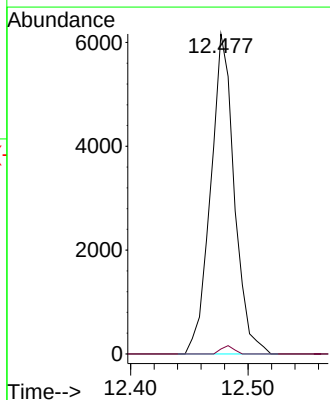
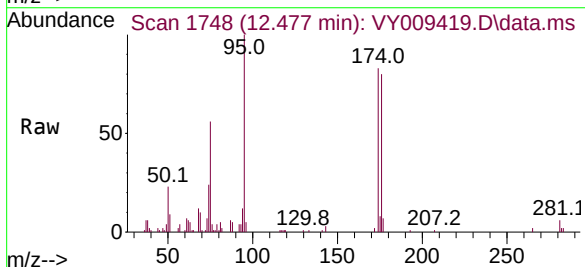
Instrument :
 MSVOA_Y
 ClientSampleId :
 GS-4A

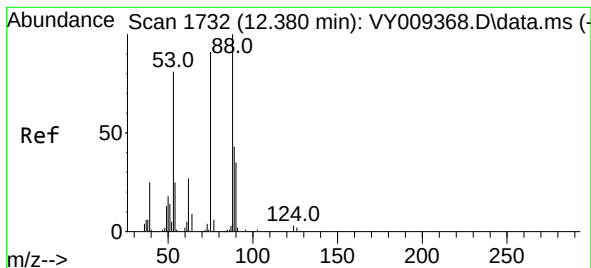
Tgt Ion:152 Resp: 24846
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 29.632 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009419.D
 Acq: 01 Jul 2022 13:56

Tgt Ion: 75 Resp: 8622
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.976 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009419.D
 Acq: 01 Jul 2022 13:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 GS-4A

Tgt Ion: 75 Resp: 8622
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

