

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019147.D
 Acq On : 20 Aug 2024 13:39
 Operator : SY/MD
 Sample : P3580-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:29:32 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)

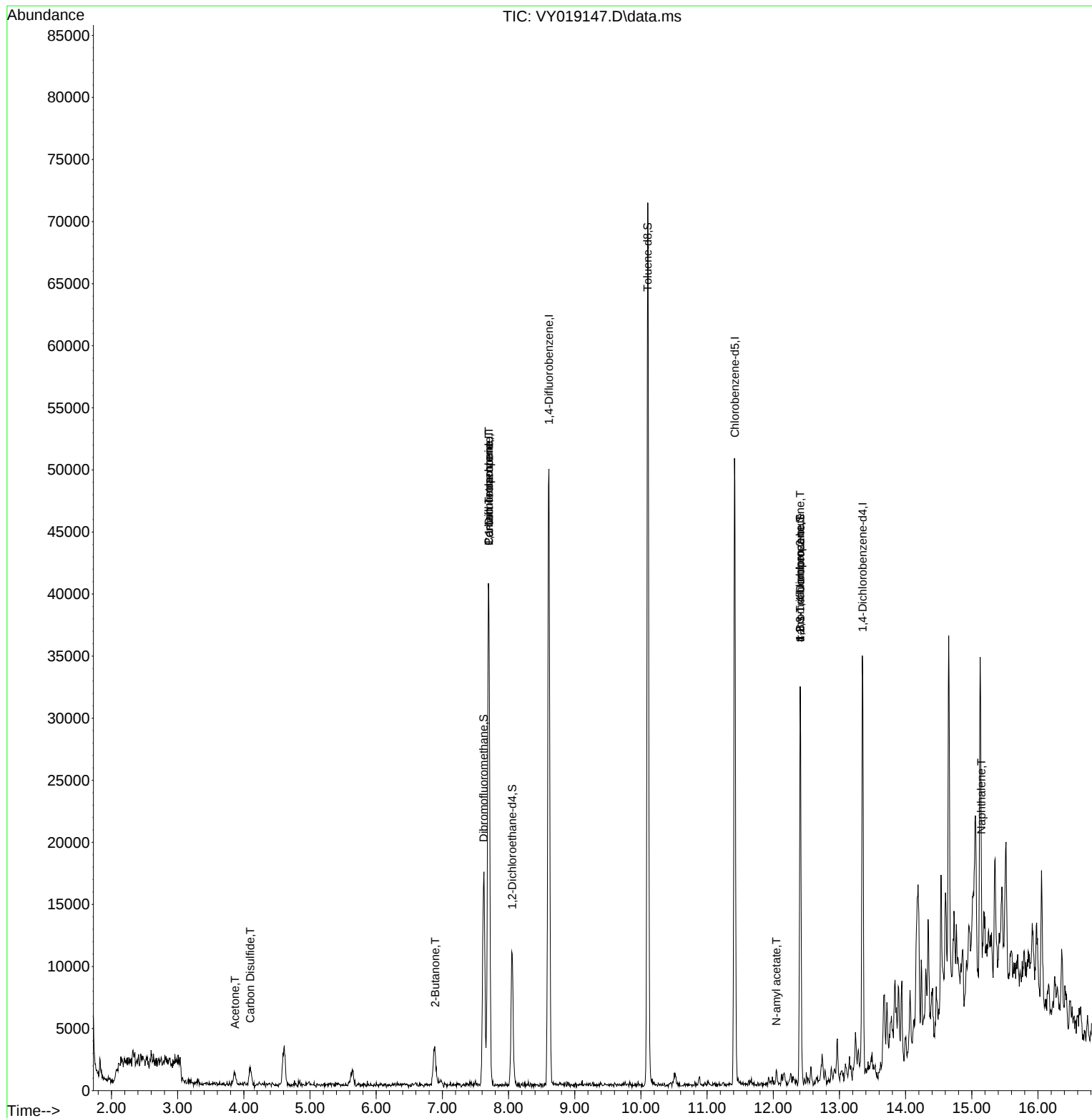
Internal Standards						
1) Pentafluorobenzene	7.701	168	32917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	44319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	27826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	7938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	8657	26.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	52.480%
35) Dibromofluoromethane	7.622	113	12296	42.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.860%
50) Toluene-d8	10.103	98	45633	43.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.520%
62) 4-Bromofluorobenzene	12.408	95	8745	24.599	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	49.200%
Target Compounds						
					Qvalue	
5) Bromomethane	2.610	94	393	Below Cal		88
6) Chloroethane	2.806	64	27	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	144	Below Cal	#	88
16) Acetone	3.866	43	2003	32.732	ug/l	89
17) Carbon Disulfide	4.098	76	2644	2.855	ug/l	# 95
20) Methylene Chloride	4.610	84	1400	Below Cal	#	86
25) 2-Butanone	6.890	43	717	7.275	ug/l	100
31) Cyclohexane	7.689	56	769	Below Cal	#	51
36) 1,1-Dichloropropene	7.701	75	2730	6.861	ug/l	# 43
38) Carbon Tetrachloride	7.701	117	3234	7.013	ug/l	# 17
74) N-amyl acetate	12.048	43	397	2.992	ug/l	# 37
76) 1,2,3-Trichloropropane	12.408	75	4972	63.513	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	4972	156.856	ug/l	# 16
95) Naphthalene	15.145	128	300	1.176	ug/l	# 1

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

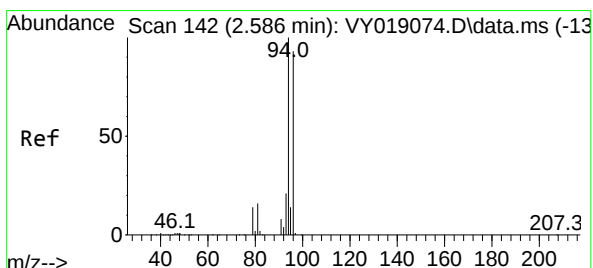
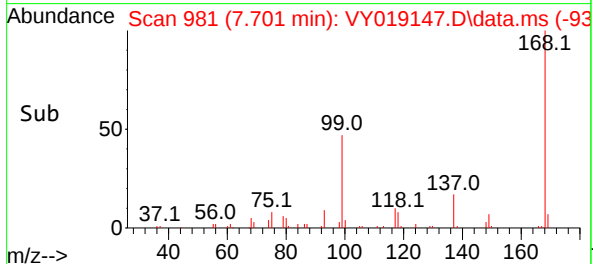
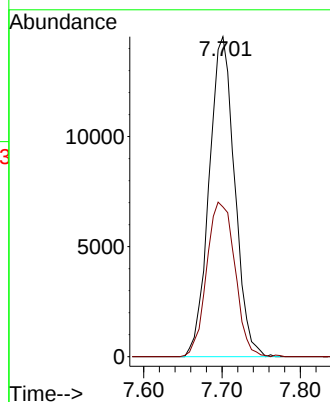
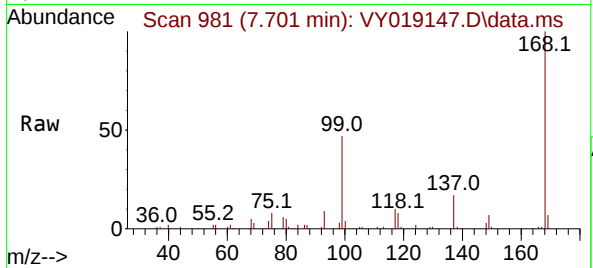




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

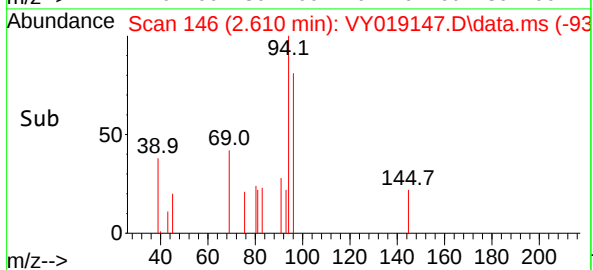
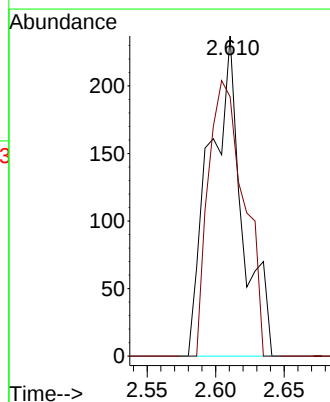
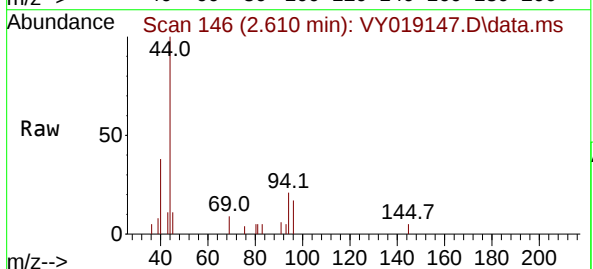
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 32917
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.610 min Scan# 146
Delta R.T. 0.024 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Tgt Ion: 94 Resp: 393
Ion Ratio Lower Upper
94 100
96 81.0 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.836 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

Instrument :

MSVOA_Y

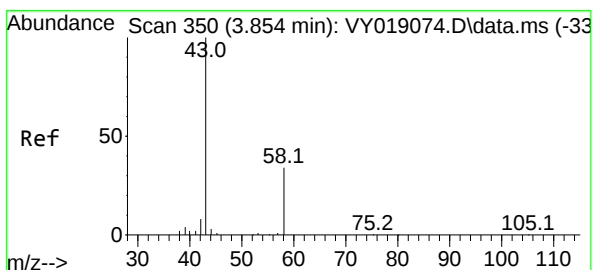
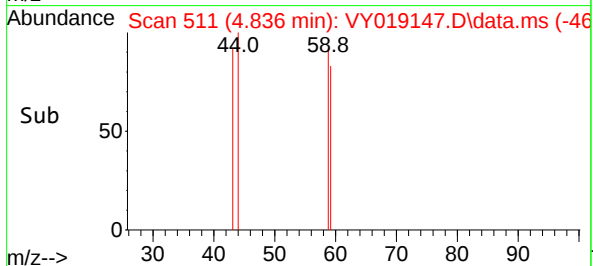
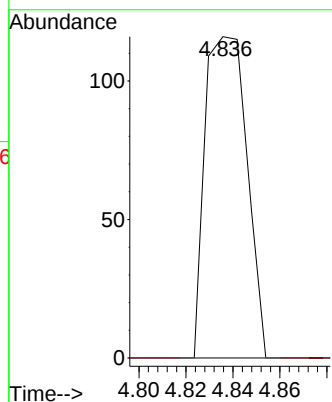
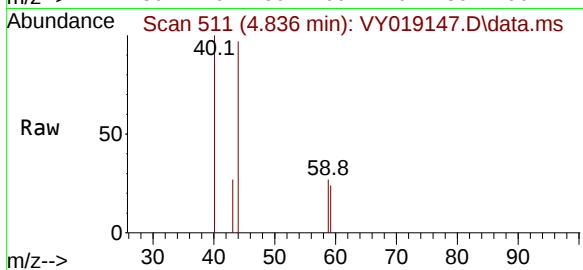
ClientSampleId :

Tgt Ion: 59 Resp: 144

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 32.732 ug/l

RT: 3.866 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY019147.D

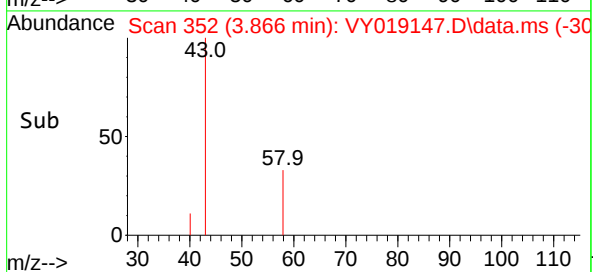
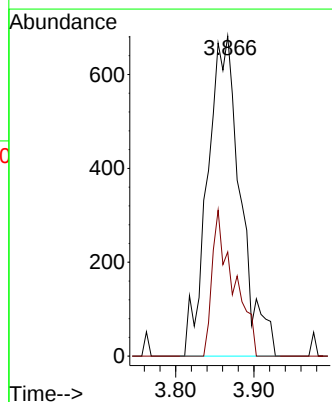
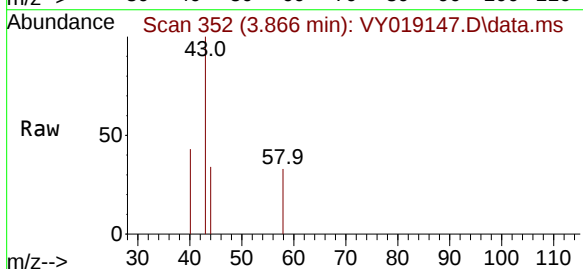
Acq: 20 Aug 2024 13:39

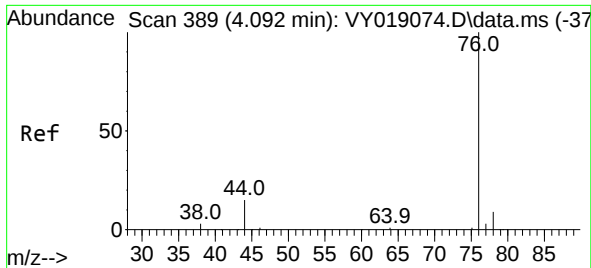
Tgt Ion: 43 Resp: 2003

Ion Ratio Lower Upper

43 100

58 32.6 31.7 47.5





#17

Carbon Disulfide

Concen: 2.855 ug/l

RT: 4.098 min Scan# 390

Delta R.T. 0.006 min

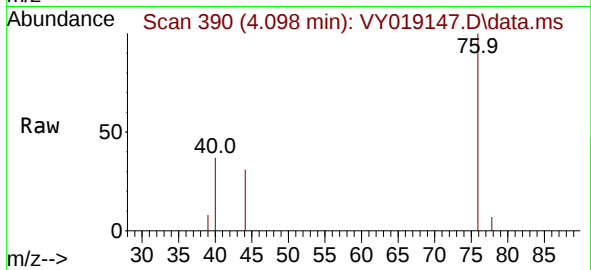
Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

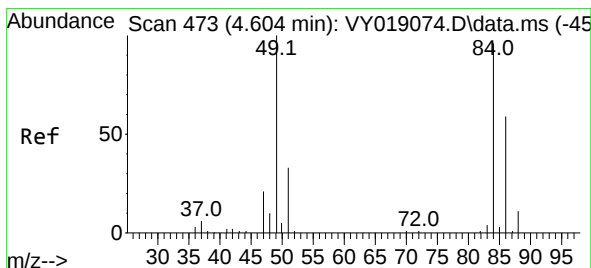
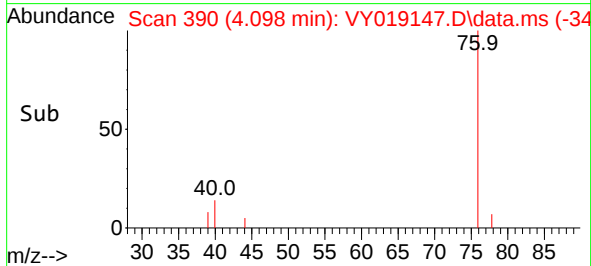
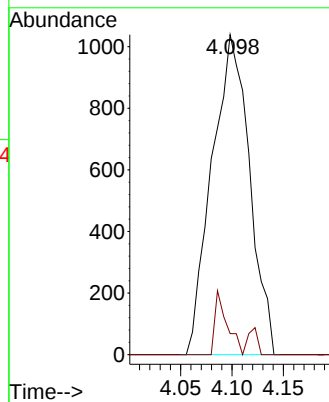


Tgt Ion: 76 Resp: 2644

Ion Ratio Lower Upper

76 100

78 6.6 6.8 10.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

Tgt Ion: 84 Resp: 1400

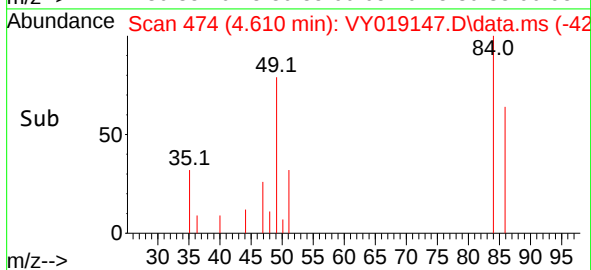
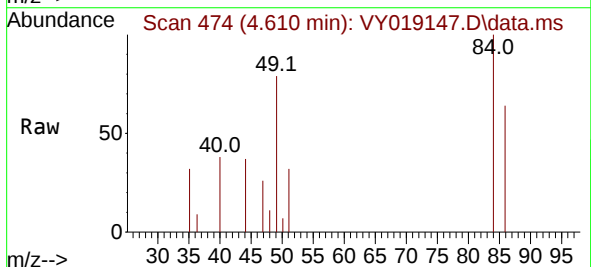
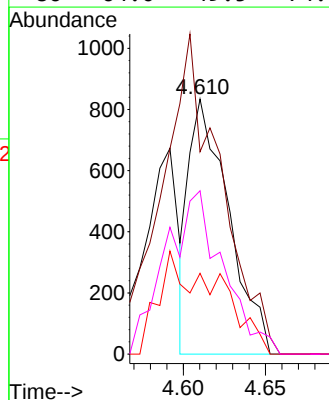
Ion Ratio Lower Upper

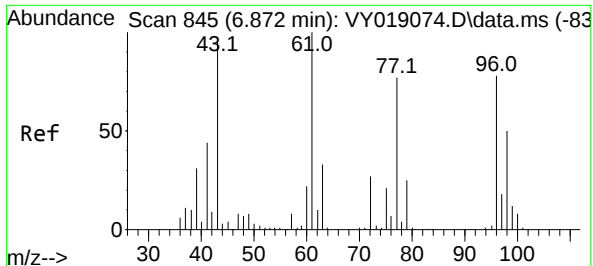
84 100

49 79.4 84.4 126.6#

51 31.7 26.0 39.0

86 64.0 49.5 74.3





#25

2-Butanone

Concen: 7.275 ug/l

RT: 6.890 min Scan# 845

Delta R.T. 0.018 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

Instrument :

MSVOA_Y

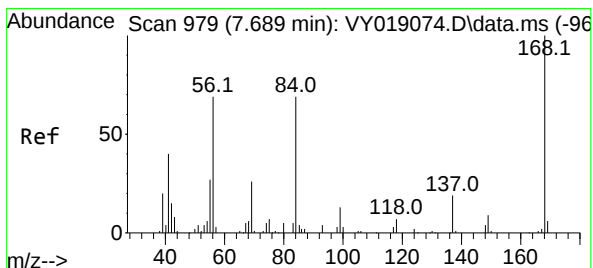
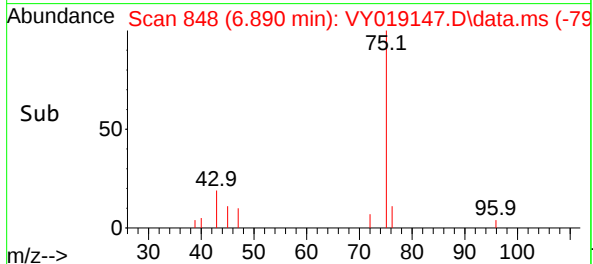
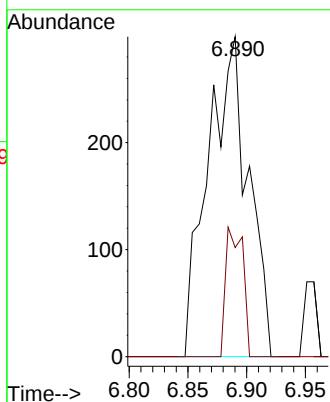
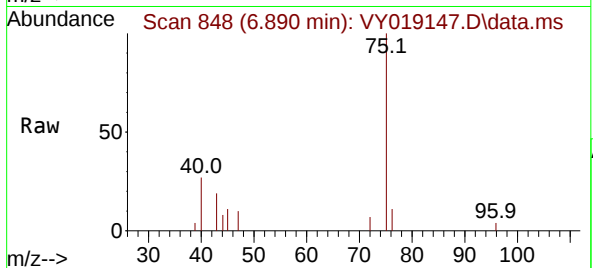
ClientSampleId :

Tgt Ion: 43 Resp: 717

Ion Ratio Lower Upper

43 100

72 34.1 27.3 40.9



#31

Cyclohexane

Concen: Below Cal

RT: 7.689 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

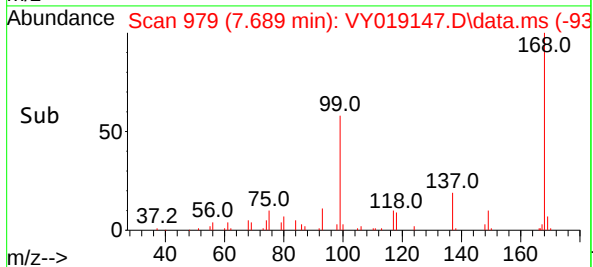
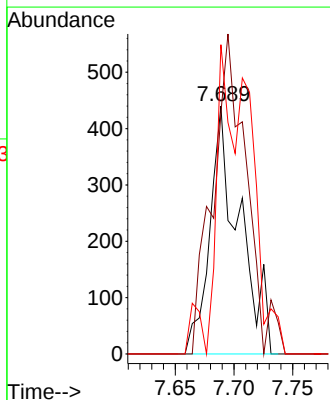
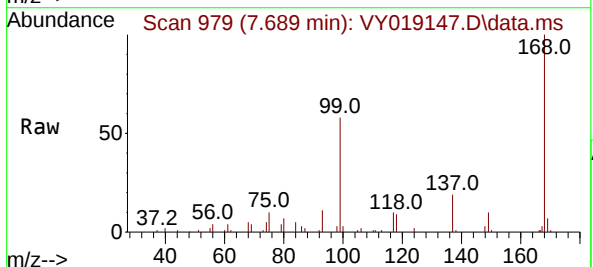
Tgt Ion: 56 Resp: 769

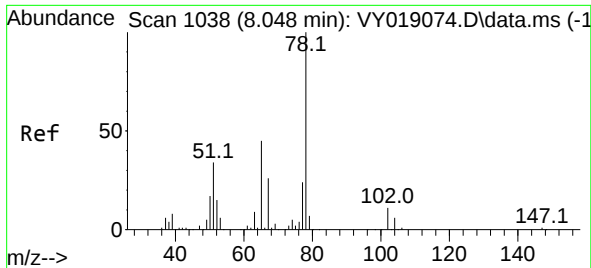
Ion Ratio Lower Upper

56 100

69 97.3 28.7 43.1#

84 124.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 26.236 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

Instrument :

MSVOA_Y

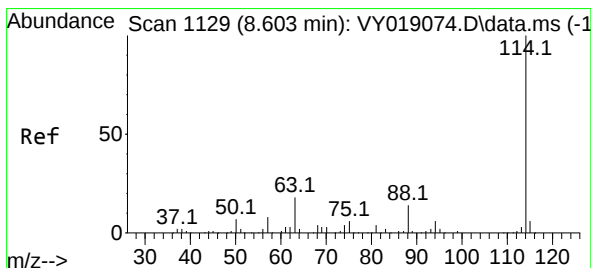
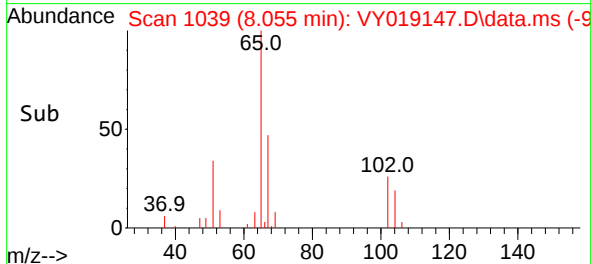
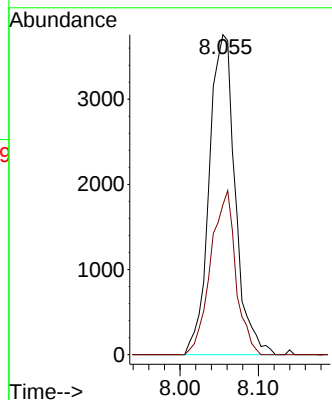
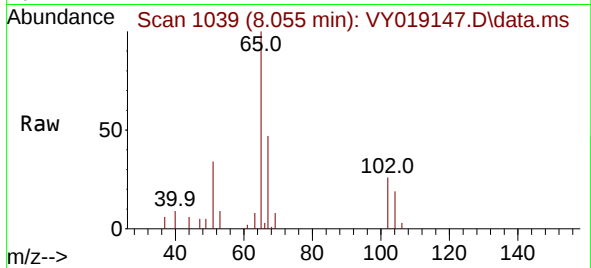
ClientSampleId :

Tgt Ion: 65 Resp: 8657

Ion Ratio Lower Upper

65 100

67 49.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019147.D

Acq: 20 Aug 2024 13:39

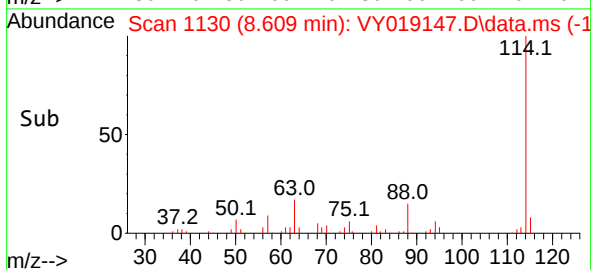
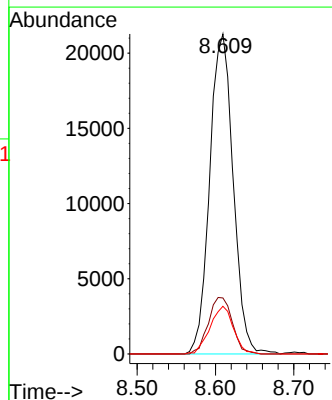
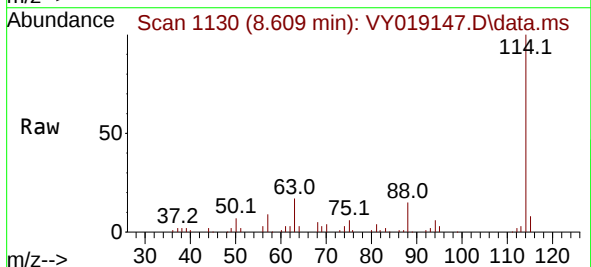
Tgt Ion: 114 Resp: 44319

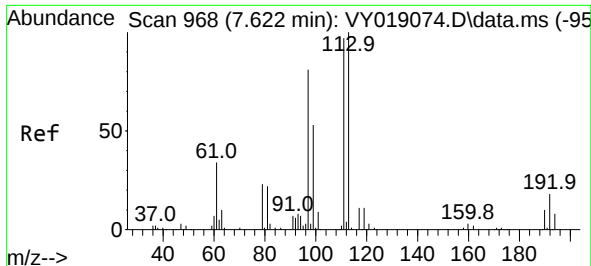
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

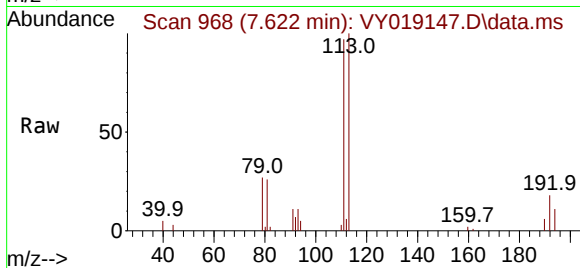
88 14.9 0.0 27.2



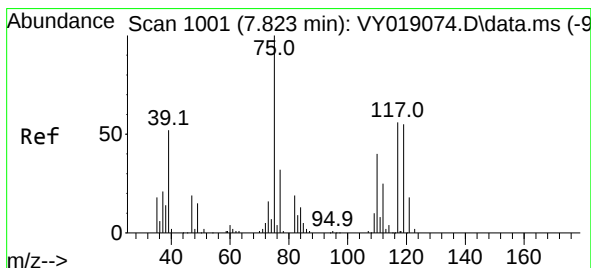
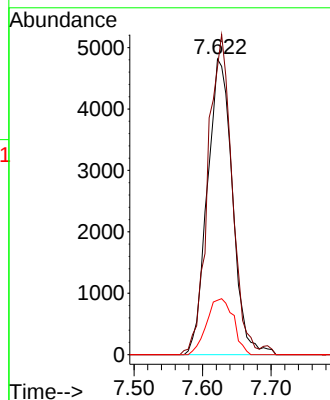
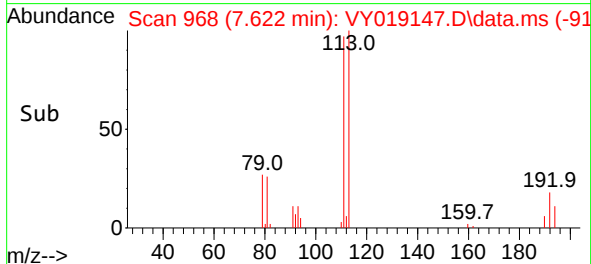


#35
Dibromofluoromethane
Concen: 42.432 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

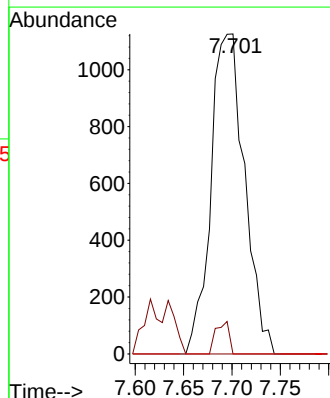
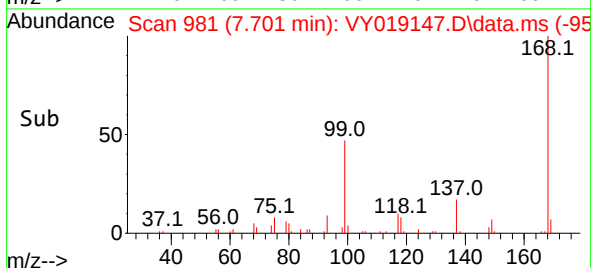
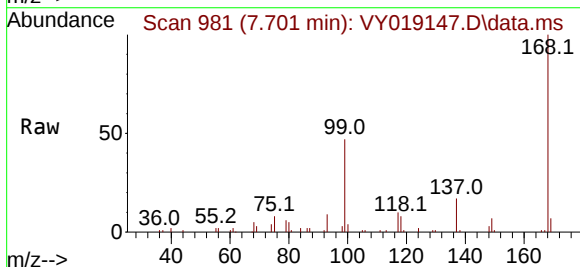


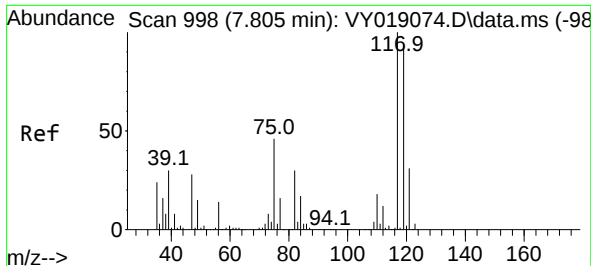
Tgt Ion:113 Resp: 12296
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.861 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

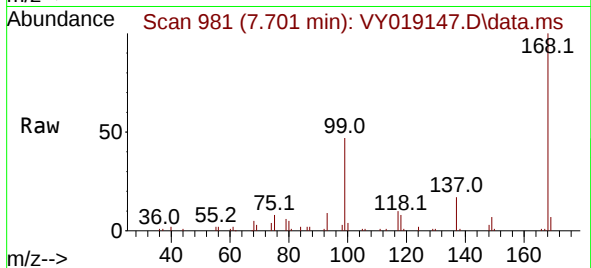
Tgt Ion: 75 Resp: 2730
Ion Ratio Lower Upper
75 100
110 4.0 19.0 57.0#
77 0.0 25.3 37.9#



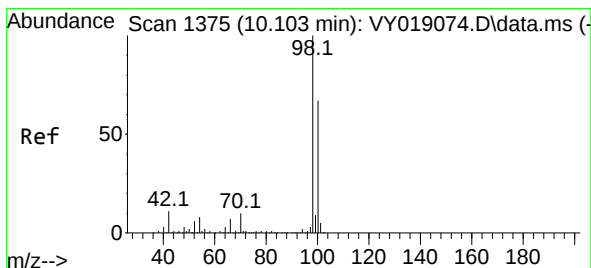
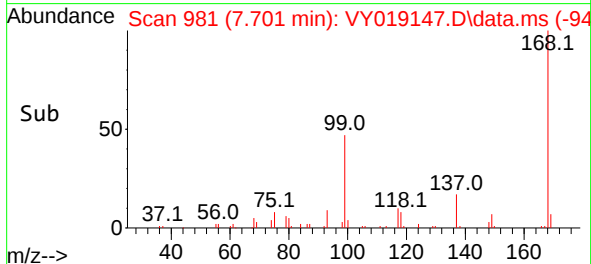
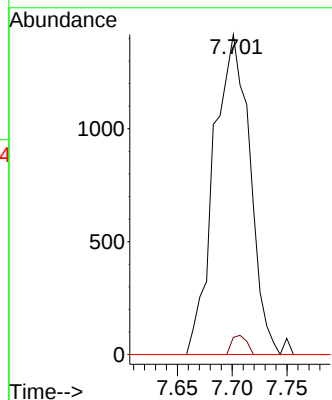


#38
Carbon Tetrachloride
Concen: 7.013 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

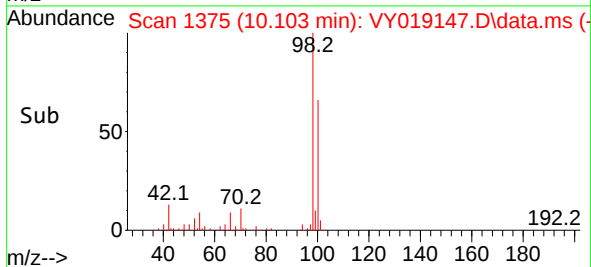
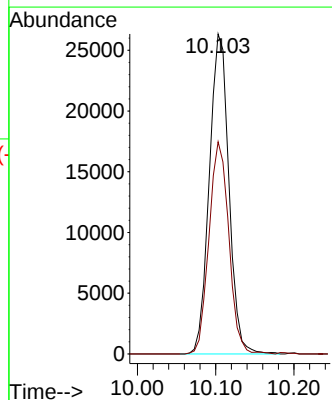
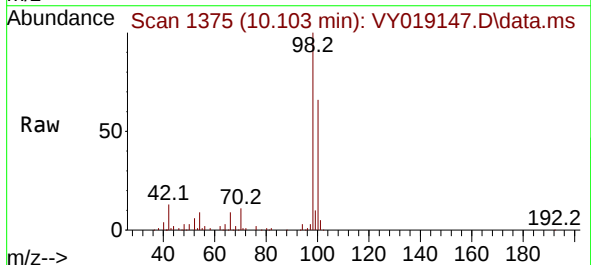


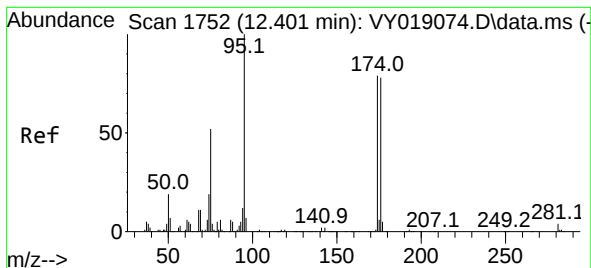
Tgt Ion:117 Resp: 3234
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 43.759 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Tgt Ion: 98 Resp: 45633
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0

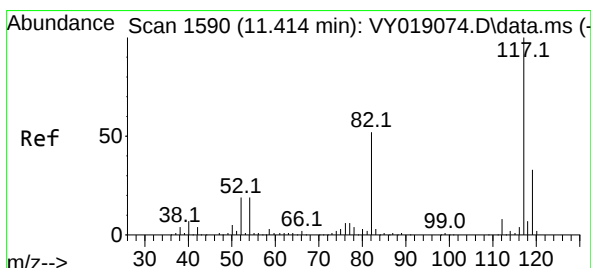
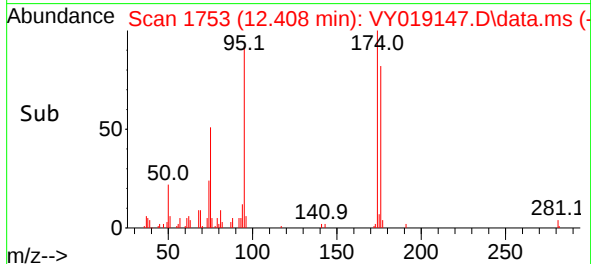
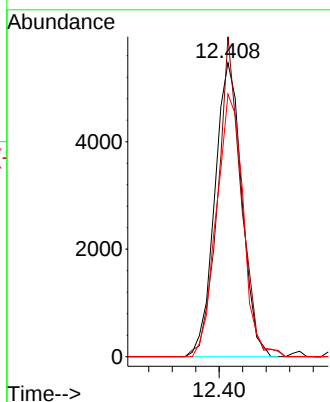
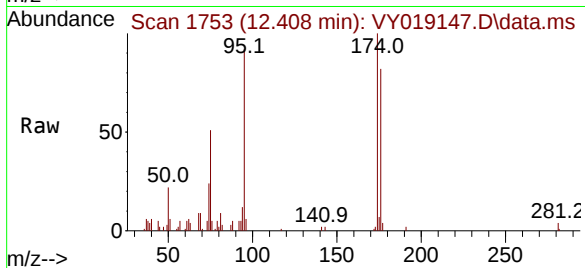




#62
4-Bromofluorobenzene
Concen: 24.599 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

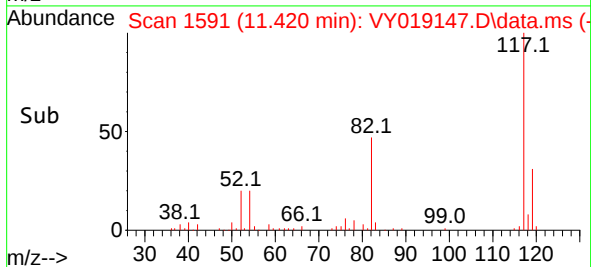
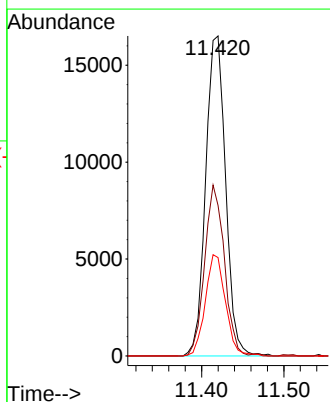
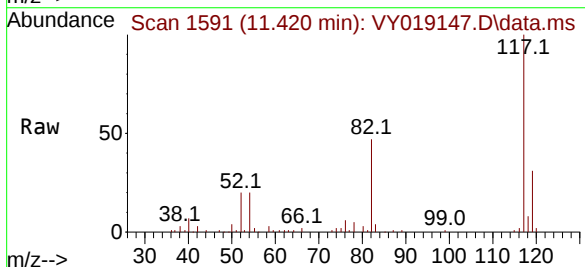
Instrument :
MSVOA_Y
ClientSampleId :

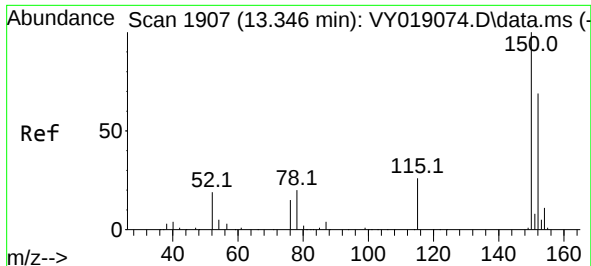
Tgt Ion:	95	Resp:	8745
Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	175.6
176	88.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Tgt Ion:	117	Resp:	27826
Ion	Ratio	Lower	Upper
117	100		
82	47.0	42.4	63.6
119	30.8	25.9	38.9

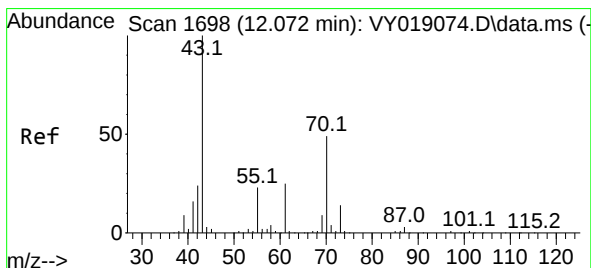
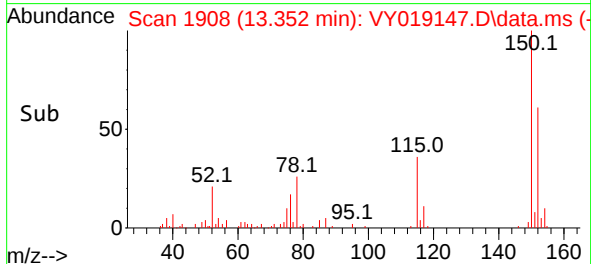
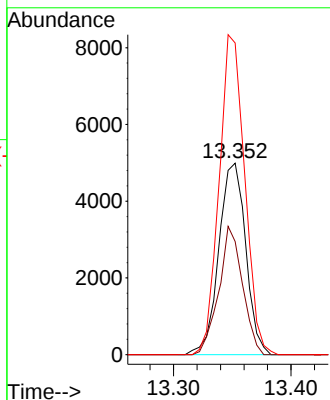
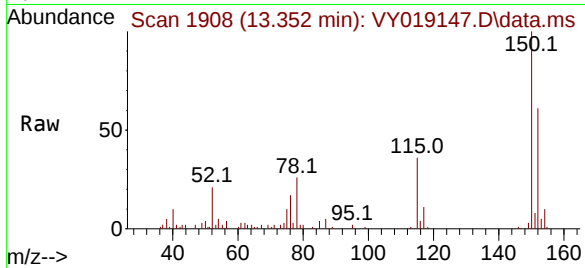




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

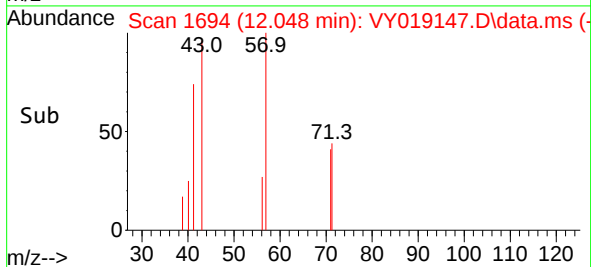
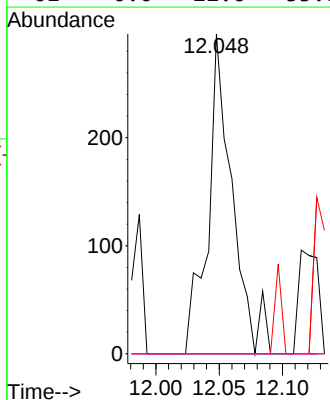
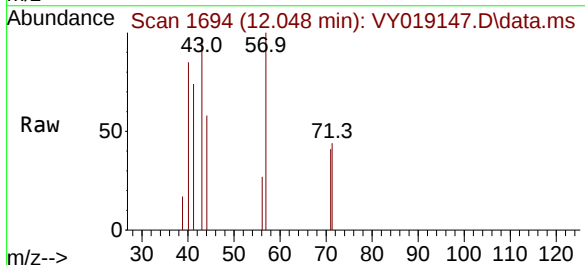
Instrument :
MSVOA_Y
ClientSampleId :

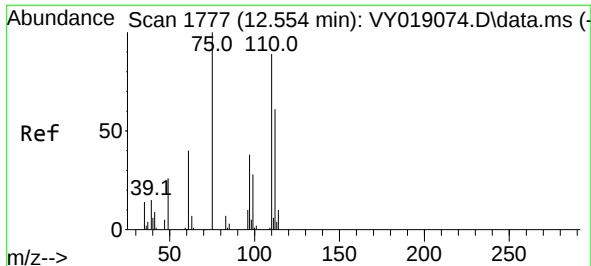
Tgt Ion:152 Resp: 7938
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 159.2 0.0 345.6



#74
N-ethyl acetate
Concen: 2.992 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.024 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.2#
55 0.0 23.3 34.9#
61 0.0 22.6 33.8#

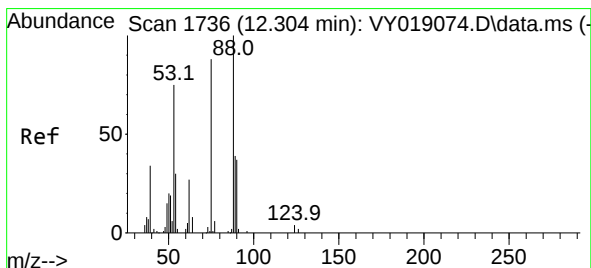
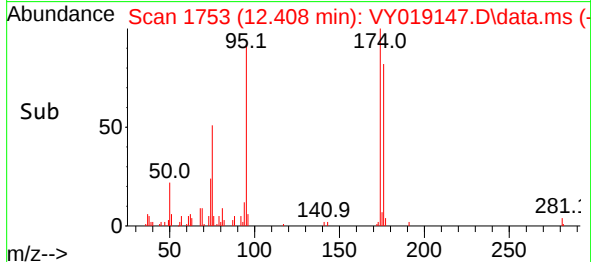
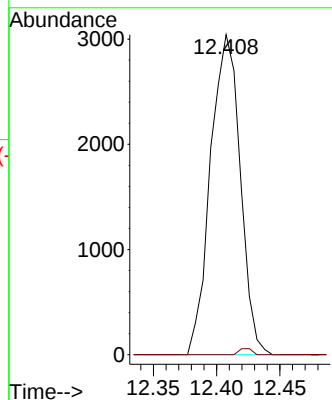
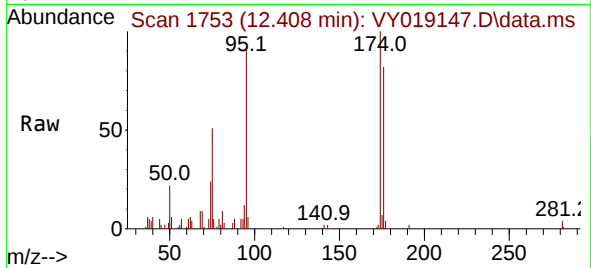




#76
1,2,3-Trichloropropane
Concen: 63.513 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

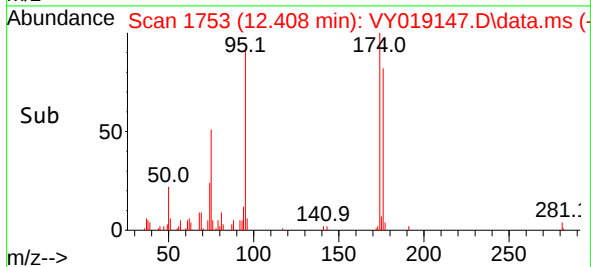
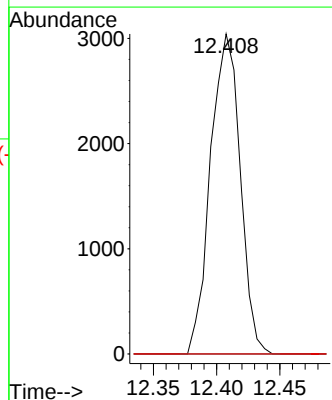
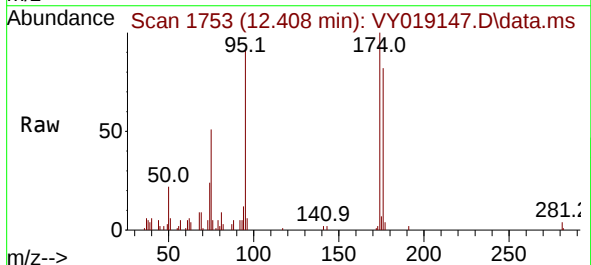
Instrument :
MSVOA_Y
ClientSampleId :

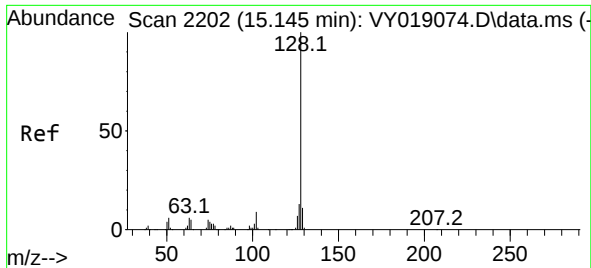
Tgt Ion: 75 Resp: 4972
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 156.856 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

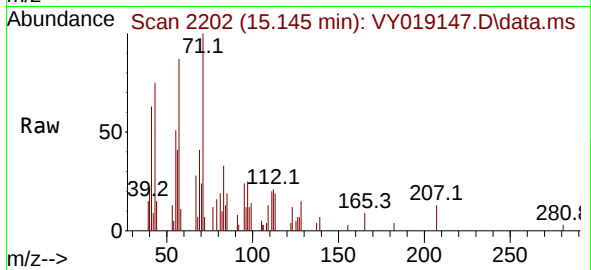
Tgt Ion: 75 Resp: 4972
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 1.176 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019147.D
Acq: 20 Aug 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	300
Ion	Ratio	Lower	Upper
128	100		
127	90.7	10.6	16.0#
129	0.0	8.6	13.0#

