

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019433.D
 Acq On : 03 Sep 2024 16:47
 Operator : SY/MD
 Sample : P3794-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 04 01:36:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

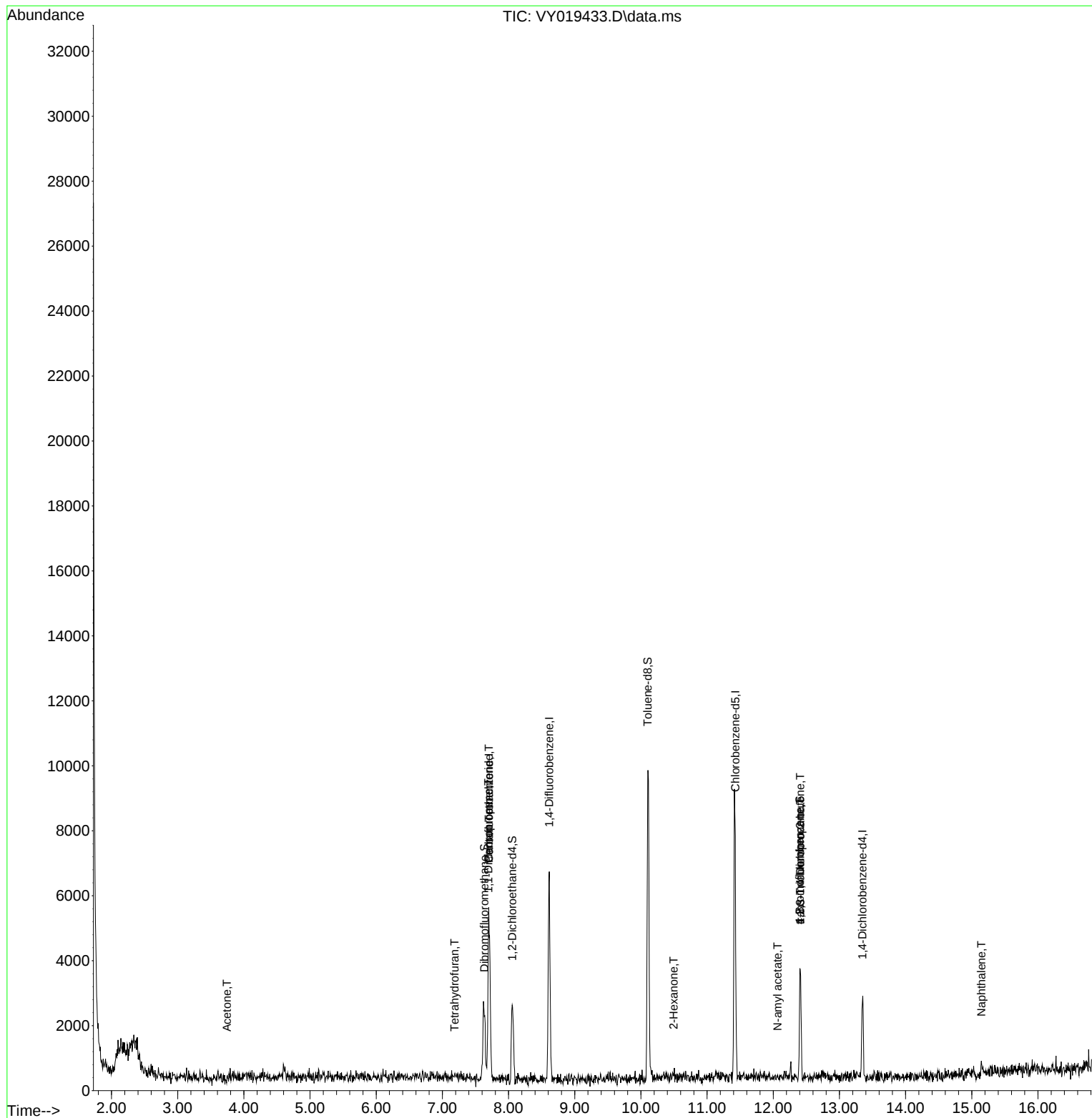
Internal Standards						
1) Pentafluorobenzene	7.701	168	4558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	5719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	5463	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	2063	47.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.580%
35) Dibromofluoromethane	7.634	113	2089	57.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.540%
50) Toluene-d8	10.103	98	7406	55.641	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.280%
62) 4-Bromofluorobenzene	12.401	95	1543	35.842	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.680%
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	50	Below Cal	#	3
16) Acetone	3.744	43	20	2.355	ug/l #	36
20) Methylene Chloride	4.598	84	87	Below Cal	#	65
29) Tetrahydrofuran	7.183	42	33	4.835	ug/l #	26
36) 1,1-Dichloropropene	7.695	75	281	5.499	ug/l #	40
38) Carbon Tetrachloride	7.701	117	466	7.483	ug/l #	13
59) 2-Hexanone	10.493	43	41	2.991	ug/l #	19
74) N-amyl acetate	12.066	43	39	3.168	ug/l #	37
76) 1,2,3-Trichloropropane	12.407	75	769	109.048	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	769	269.792	ug/l #	16
95) Naphthalene	15.145	128	314	15.237	ug/l #	69

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

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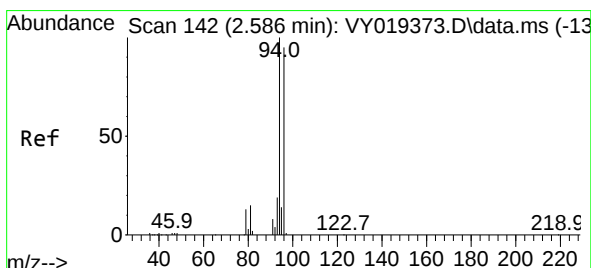
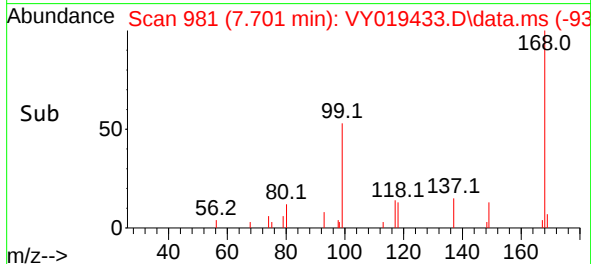
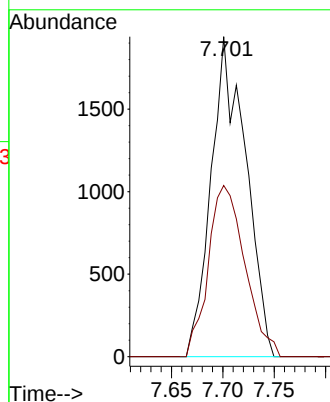
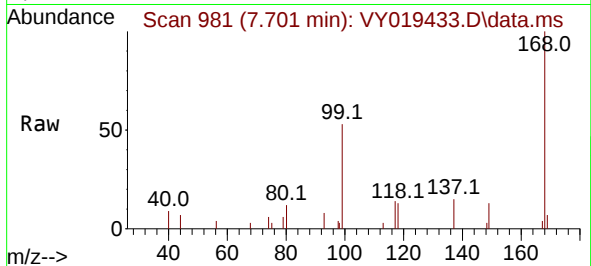




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019433.D
Acq: 03 Sep 2024 16:47

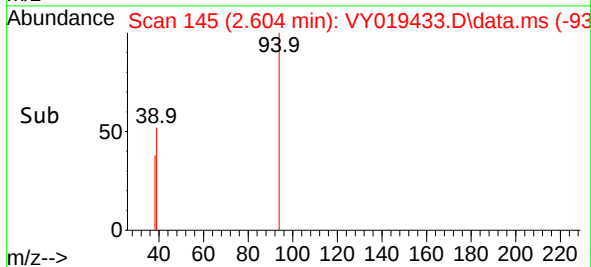
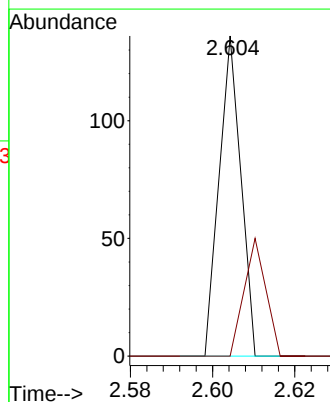
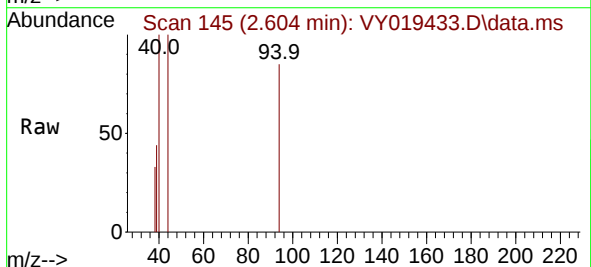
Instrument :
MSVOA_Y
ClientSampleId :

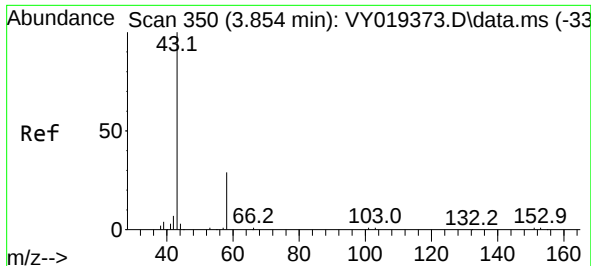
Tgt Ion:168 Resp: 4558
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019433.D
Acq: 03 Sep 2024 16:47

Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#

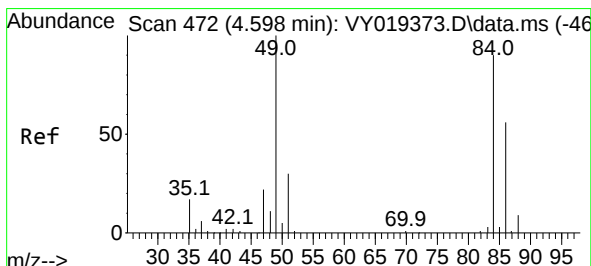
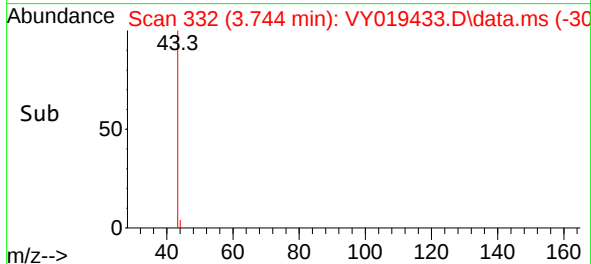
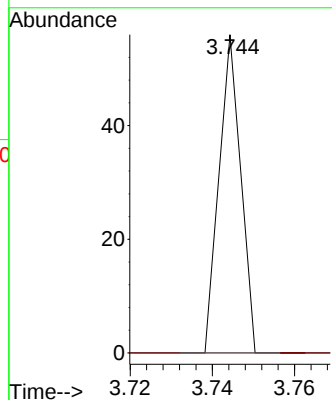
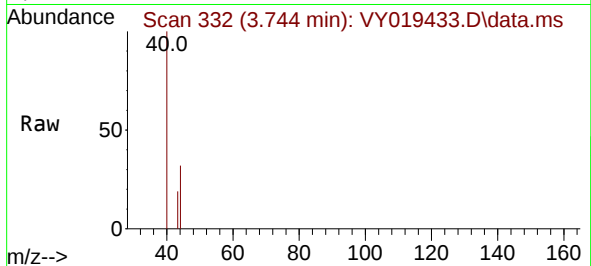




#16
Acetone
Concen: 2.355 ug/l
RT: 3.744 min Scan# 31
Delta R.T. -0.110 min
Lab File: VY019433.D
Acq: 03 Sep 2024 16:47

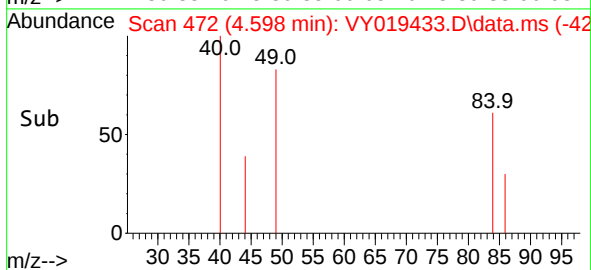
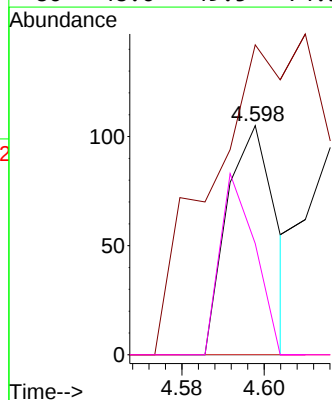
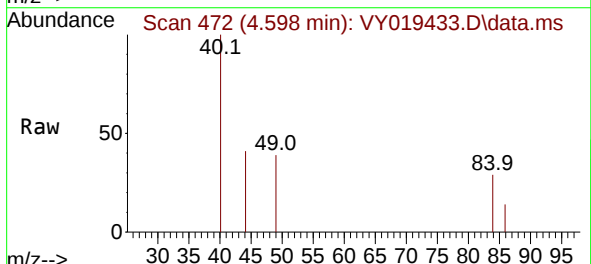
Instrument :
MSVOA_Y
ClientSampleId :

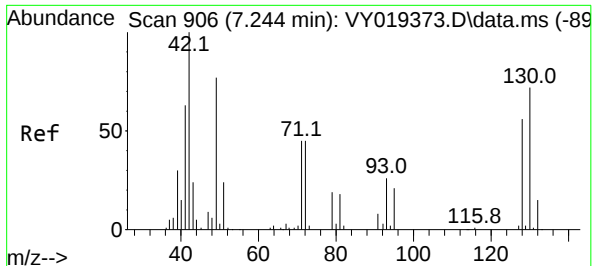
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY019433.D
Acq: 03 Sep 2024 16:47

Tgt Ion: 84 Resp: 87
Ion Ratio Lower Upper
84 100
49 66.7 84.4 126.6#
51 0.0 26.0 39.0#
86 48.6 49.5 74.3#





#29

Tetrahydrofuran

Concen: 4.835 ug/l

RT: 7.183 min Scan# 89

Delta R.T. -0.061 min

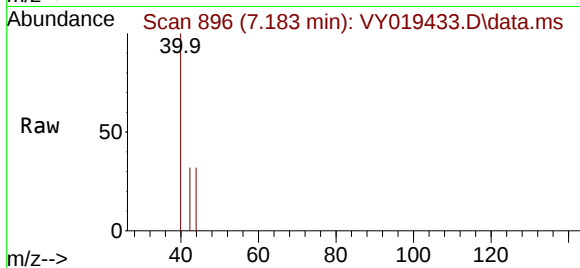
Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

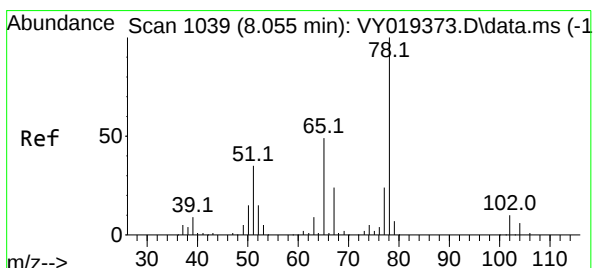
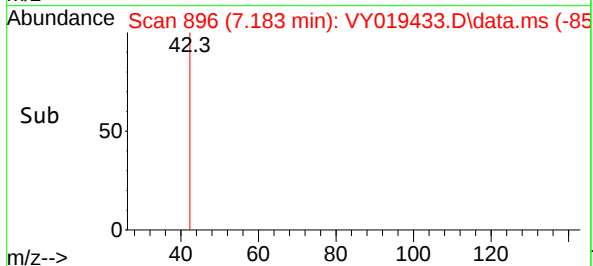
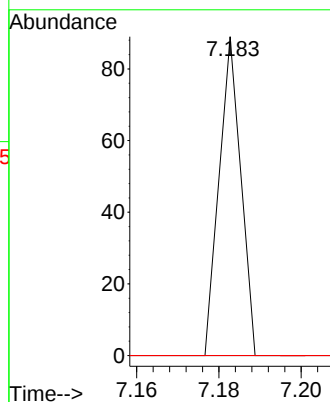
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	33
Ion Ratio	Lower	Upper	
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 47.785 ug/l

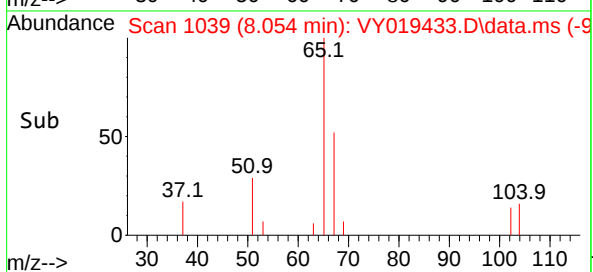
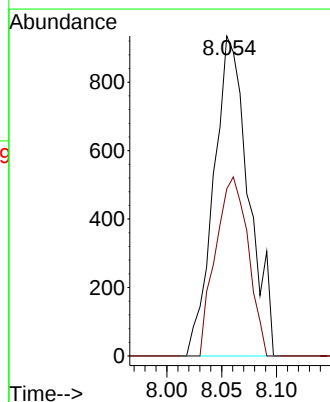
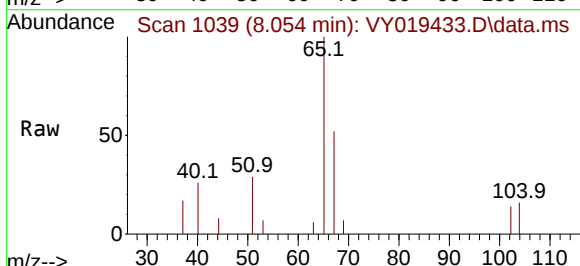
RT: 8.054 min Scan# 1039

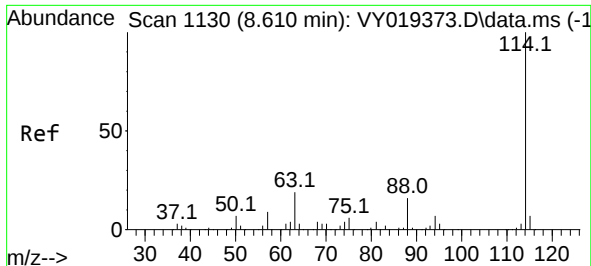
Delta R.T. -0.000 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

Tgt Ion:	65	Resp:	2063
Ion Ratio	Lower	Upper	
65	100		
67	52.4	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019433.D

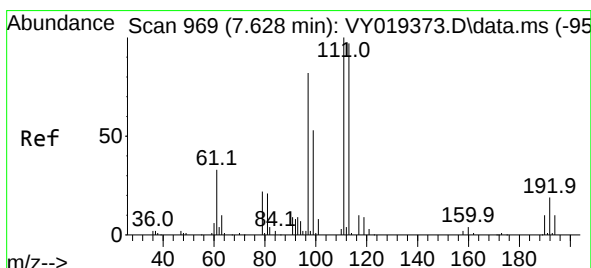
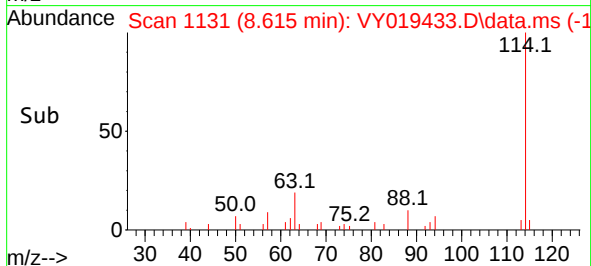
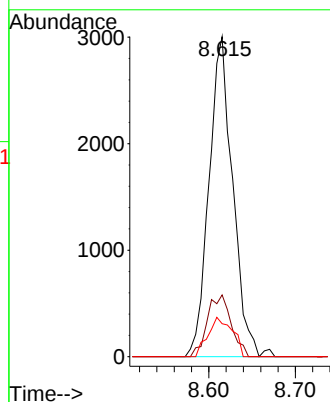
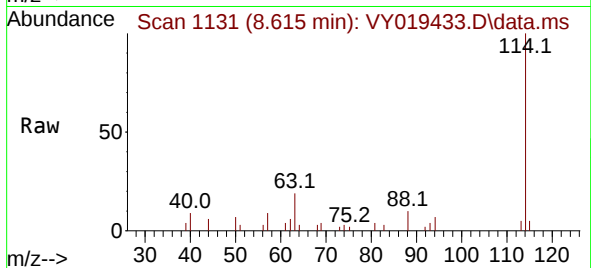
Acq: 03 Sep 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	5719
Ion Ratio	Lower	Upper
114	100	
63	19.3	0.0 35.0
88	10.3	0.0 27.2



#35

Dibromofluoromethane

Concen: 57.775 ug/l

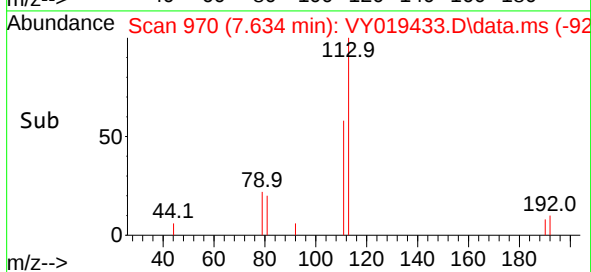
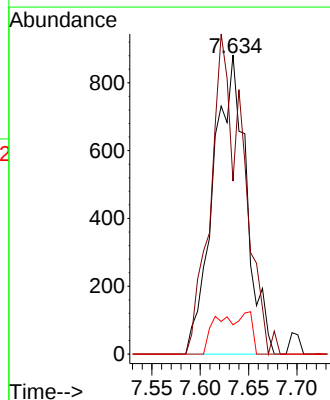
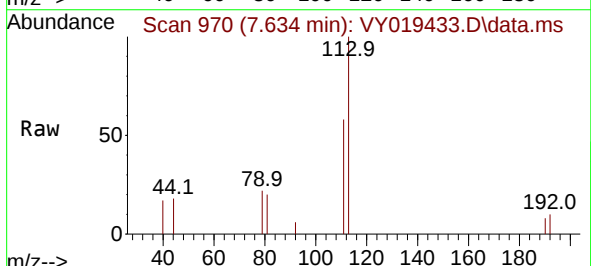
RT: 7.634 min Scan# 970

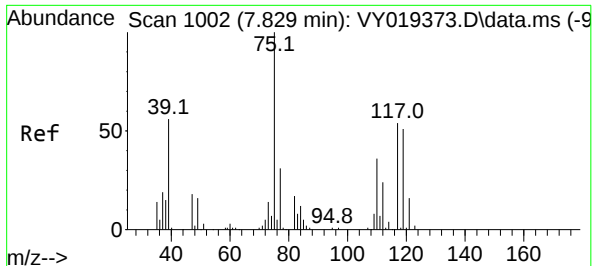
Delta R.T. 0.006 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

Tgt Ion:113	Resp:	2089
Ion Ratio	Lower	Upper
113	100	
111	0.0	82.2 123.4#
192	6.0	15.9 23.9#





#36

1,1-Dichloropropene

Concen: 5.499 ug/l

RT: 7.695 min Scan# 90

Delta R.T. -0.134 min

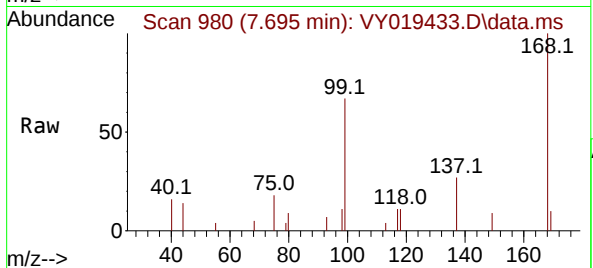
Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :



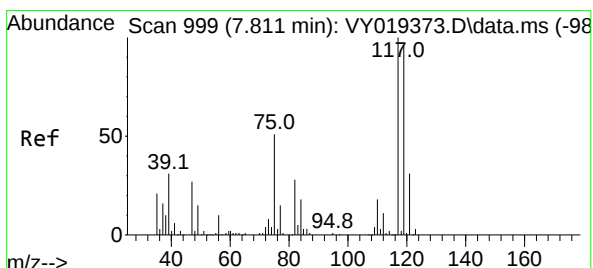
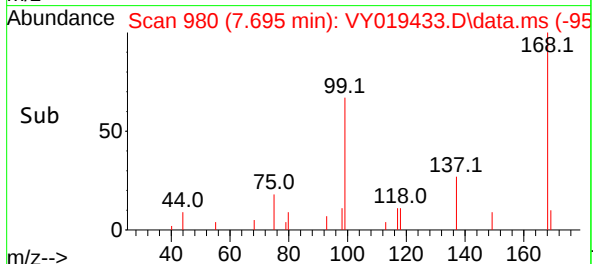
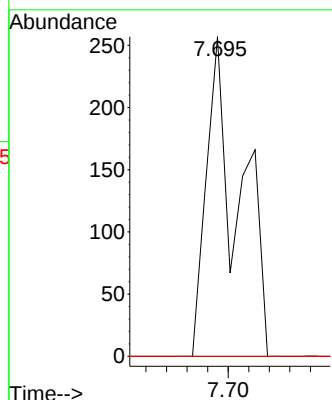
Tgt Ion: 75 Resp: 281

Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 7.483 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

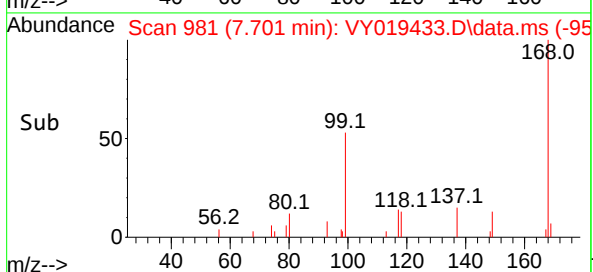
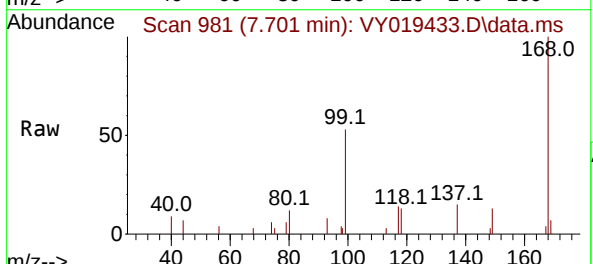
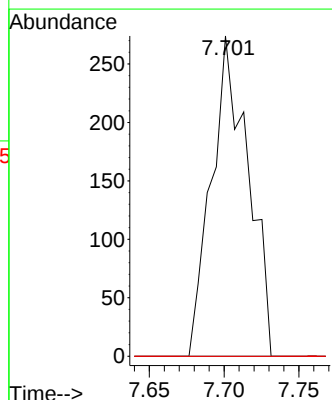
Tgt Ion: 117 Resp: 466

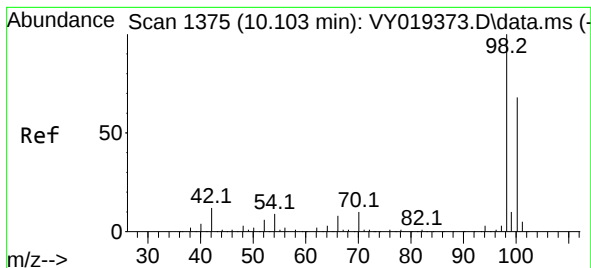
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 55.641 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

Instrument :

MSVOA_Y

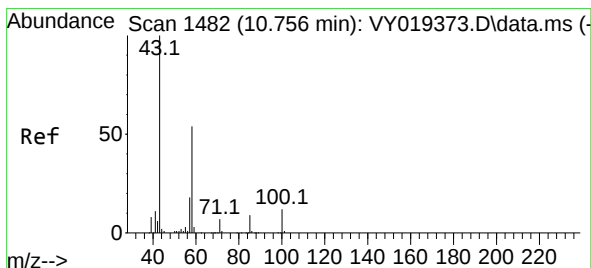
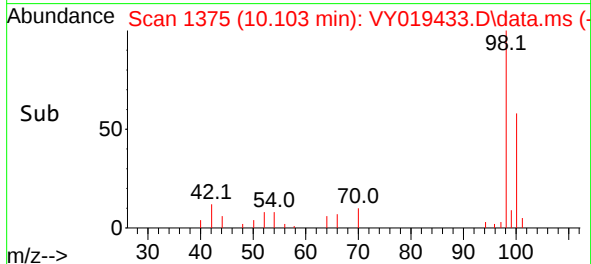
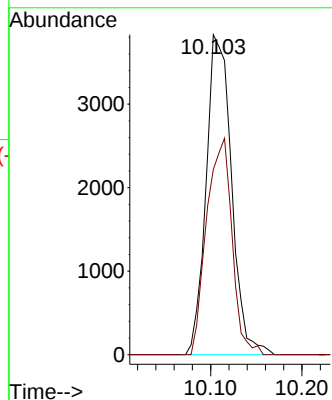
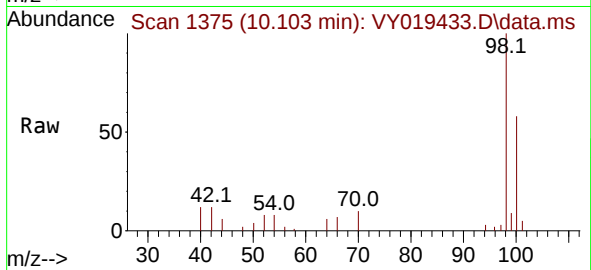
ClientSampleId :

Tgt Ion: 98 Resp: 7406

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0



#59

2-Hexanone

Concen: 2.991 ug/l

RT: 10.493 min Scan# 1439

Delta R.T. -0.262 min

Lab File: VY019433.D

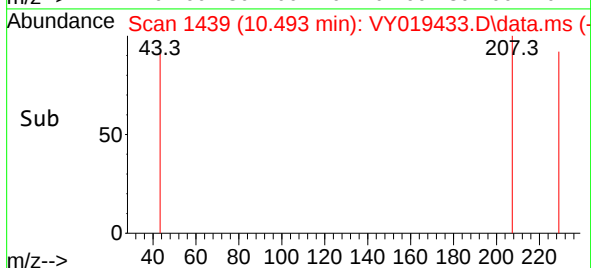
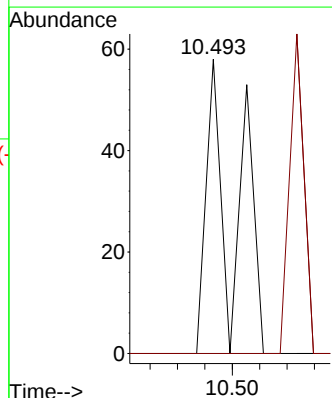
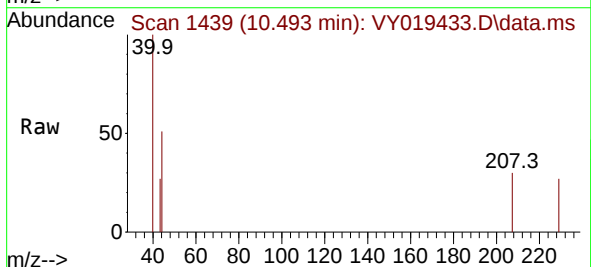
Acq: 03 Sep 2024 16:47

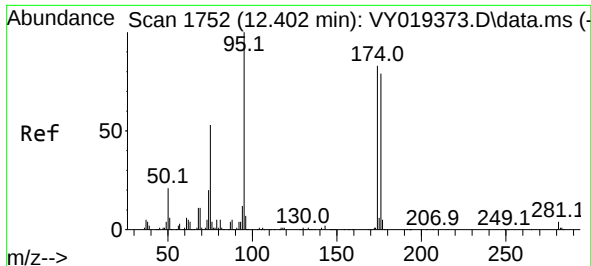
Tgt Ion: 43 Resp: 41

Ion Ratio Lower Upper

43 100

58 0.0 31.4 94.0#





#62

4-Bromofluorobenzene

Concen: 35.842 ug/l

RT: 12.401 min Scan# 1

Delta R.T. -0.000 min

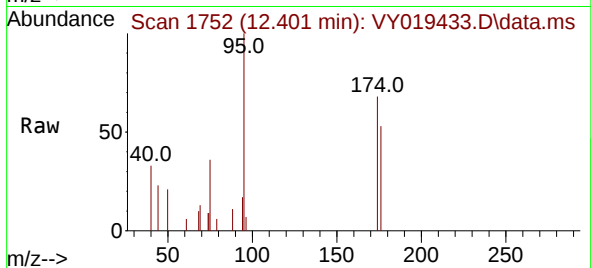
Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

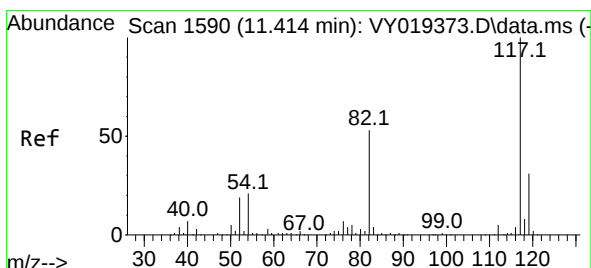
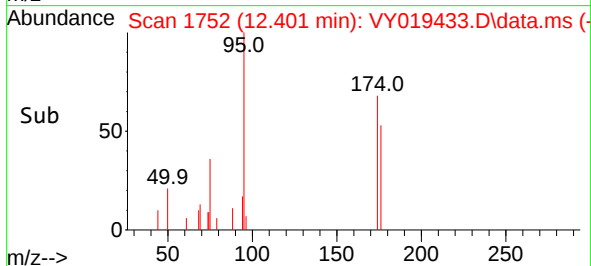
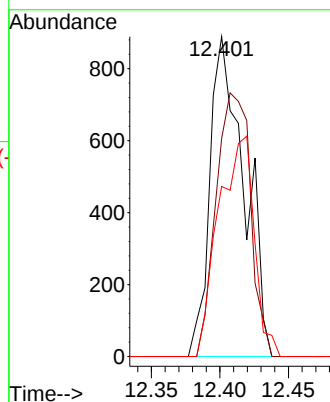
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 95	Resp: 1543
Ion Ratio	Lower Upper
95 100	
174 82.6	0.0 175.6
176 71.9	0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

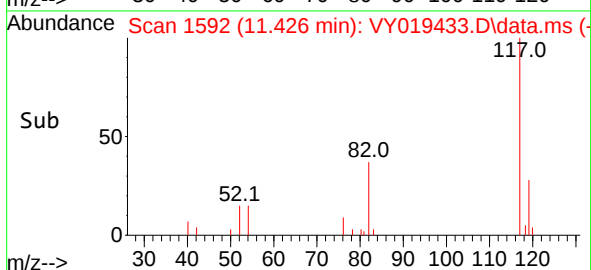
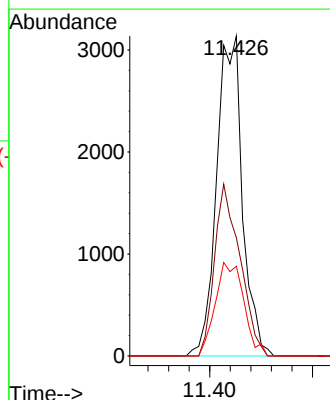
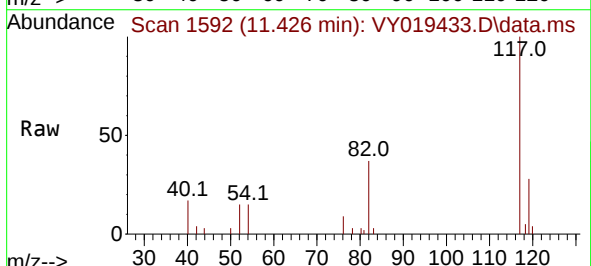
RT: 11.426 min Scan# 1592

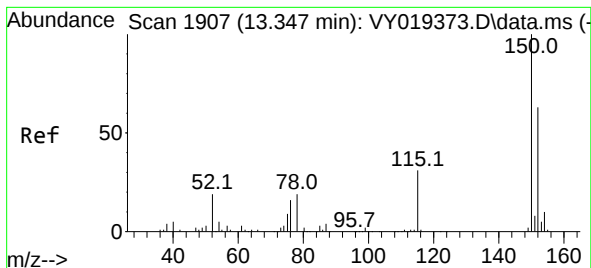
Delta R.T. 0.012 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

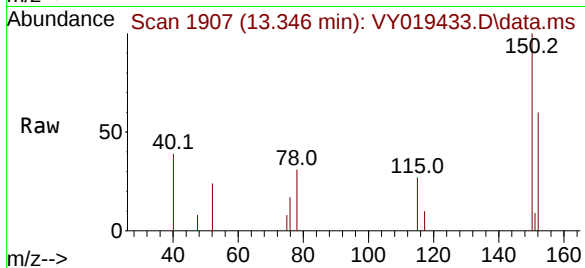
Tgt Ion:117	Resp:	5463	
Ion	Ratio	Lower	Upper
117	100		
82	36.9	42.4	63.6#
119	28.0	25.9	38.9



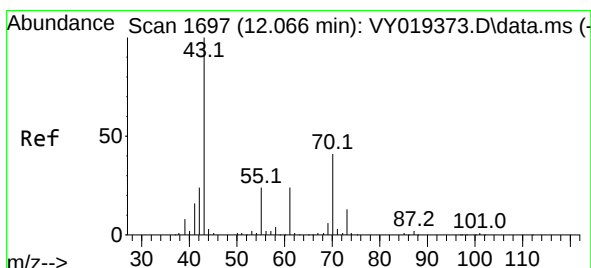
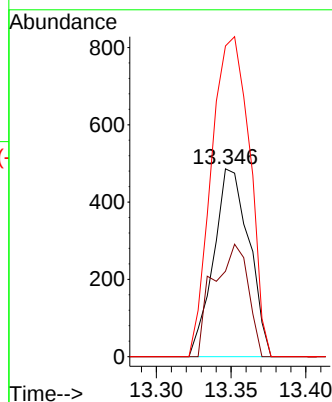
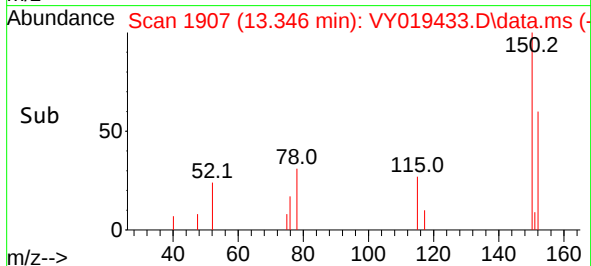


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY019433.D
 Acq: 03 Sep 2024 16:47

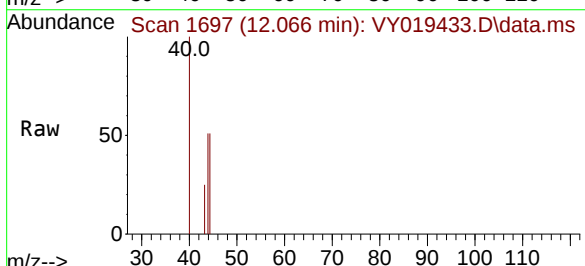
Instrument :
 MSVOA_Y
 ClientSampleId :



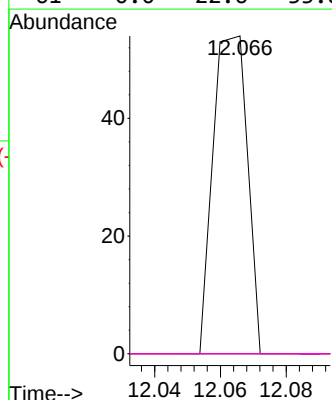
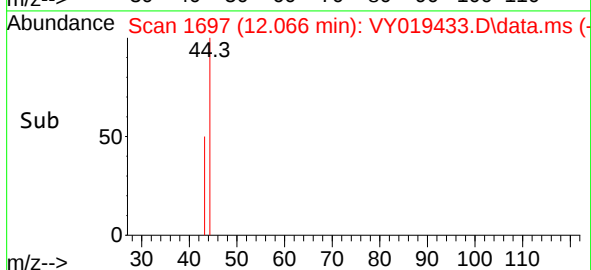
Tgt Ion:152 Resp: 803
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 183.2 0.0 345.6

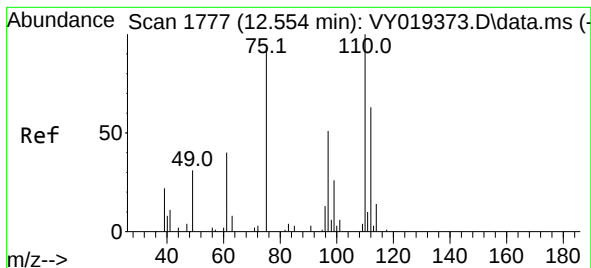


#74
 N-ethyl acetate
 Concen: 3.168 ug/l
 RT: 12.066 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: VY019433.D
 Acq: 03 Sep 2024 16:47



Tgt Ion: 43 Resp: 39
 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: 109.048 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.147 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

Instrument :

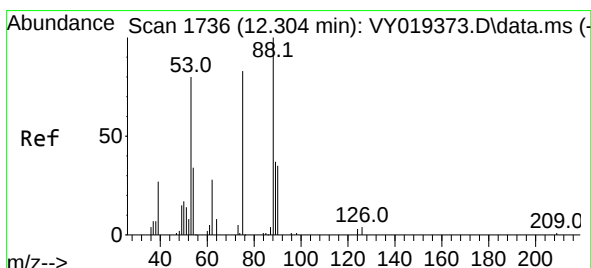
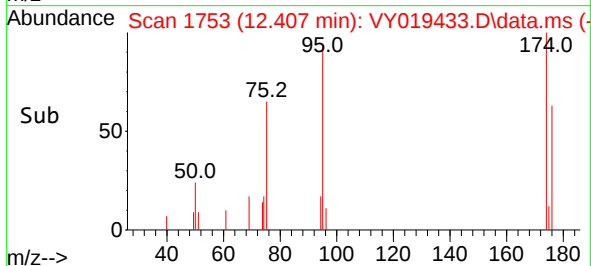
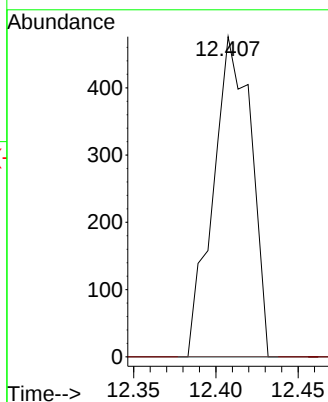
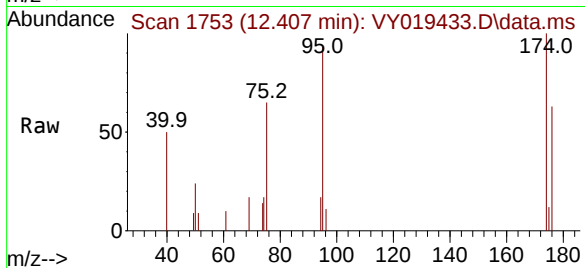
MSVOA_Y

ClientSampleId :

Tgt Ion: 75 Resp: 769

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 269.792 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.103 min

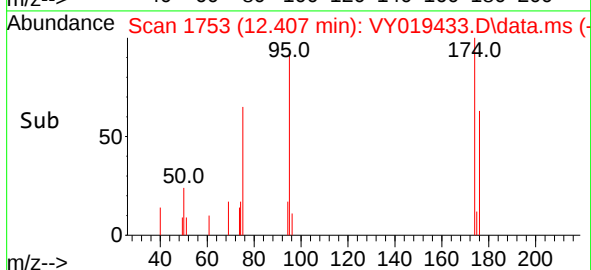
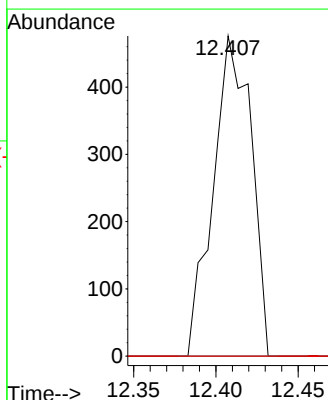
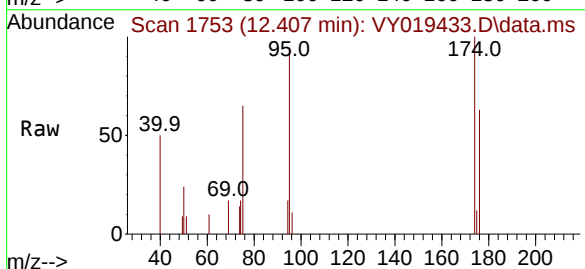
Lab File: VY019433.D

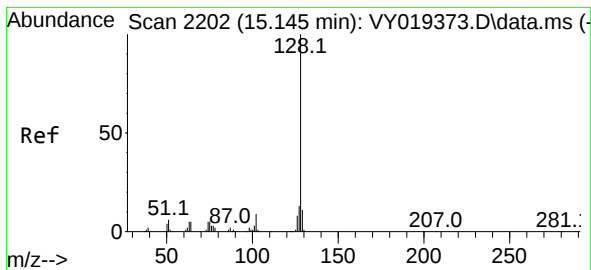
Acq: 03 Sep 2024 16:47

Tgt Ion: 75 Resp: 769

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#





#95

Naphthalene

Concen: 15.237 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

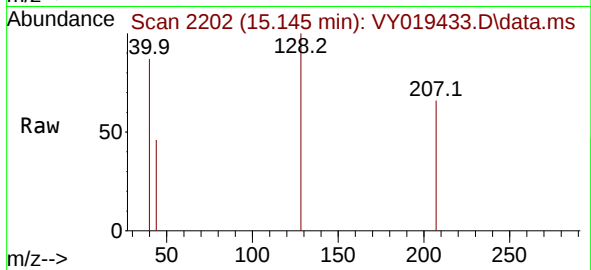
Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	314
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

