

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009902.D
 Acq On : 09 Aug 2022 02:45
 Operator : KP/MD
 Sample : N4016-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Aug 09 07:00:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

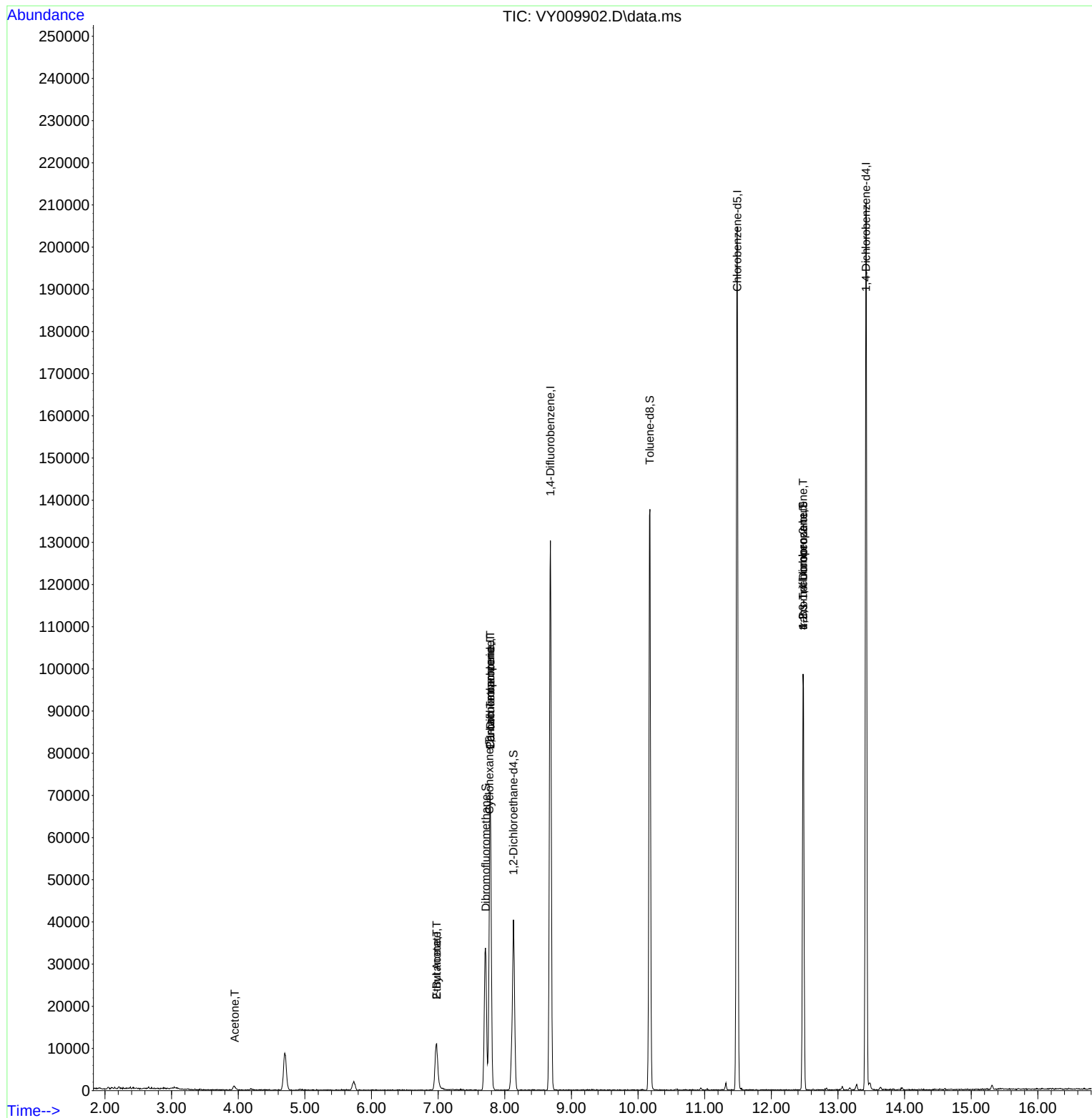
Internal Standards						
1) Pentafluorobenzene	7.783	168	54411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	108961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26022	62.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.060%
35) Dibromofluoromethane	7.716	113	24257	41.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.020%
50) Toluene-d8	10.179	98	87781	48.836	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.477	95	29001	35.115	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.220%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1639	10.679	ug/l #	88
18) Methyl Acetate	4.454	43	101	Below Cal	#	52
25) 2-Butanone	6.978	43	862	3.410	ug/l #	48
31) Cyclohexane	7.771	56	1328	1.257	ug/l #	46
36) 1,1-Dichloropropene	7.783	75	4620	4.629	ug/l #	46
37) Ethyl Acetate	6.978	43	862	1.302	ug/l #	1
38) Carbon Tetrachloride	7.783	117	5381	5.432	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	15740	28.717	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	15740	58.058	ug/l #	13

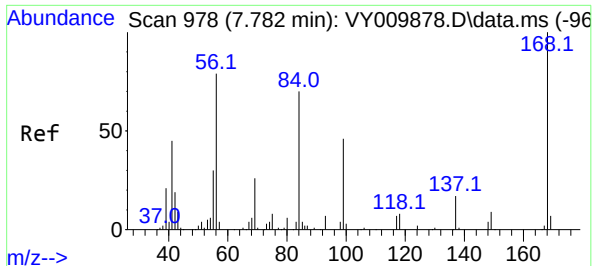
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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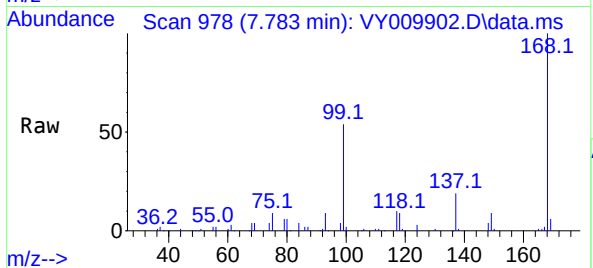
Quant Time: Aug 09 07:00:17 2022
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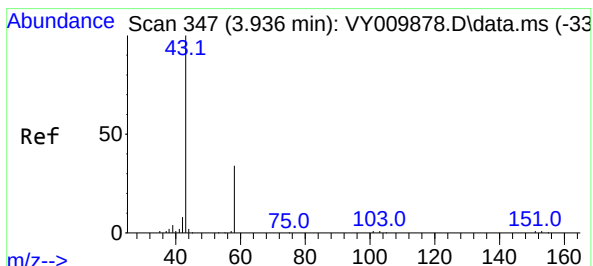
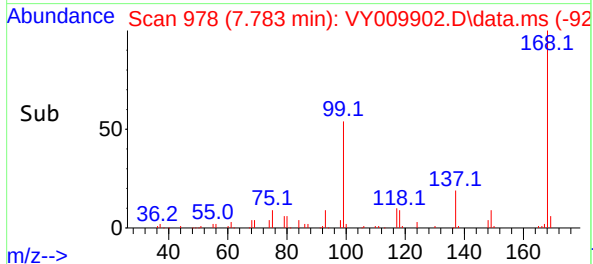
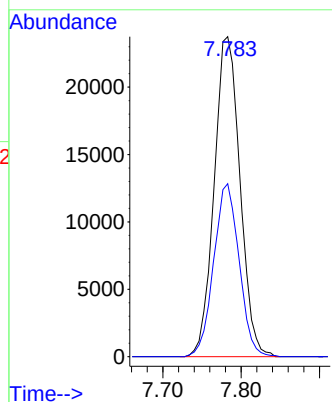


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

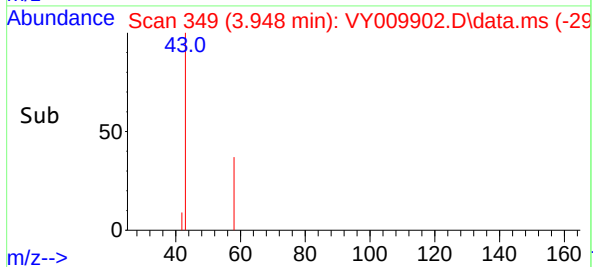
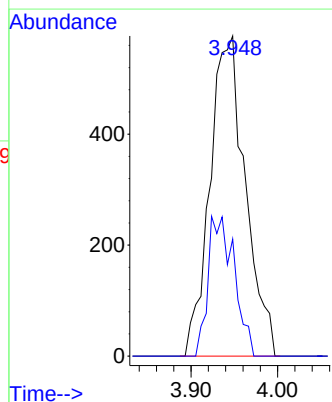
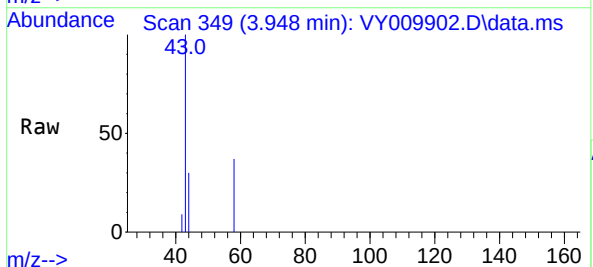


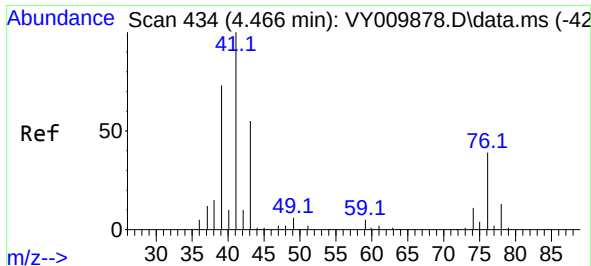
Tgt Ion:168 Resp: 54411
Ion Ratio Lower Upper
168 100
99 54.1 42.1 63.1



#16
Acetone
Concen: 10.679 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
58 36.6 24.0 36.0#

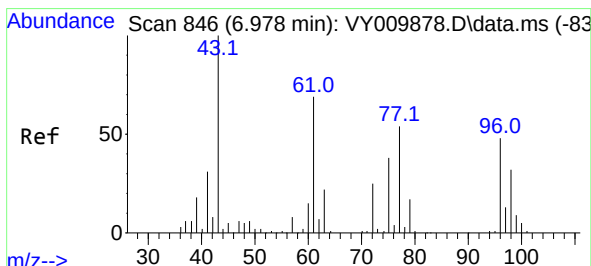
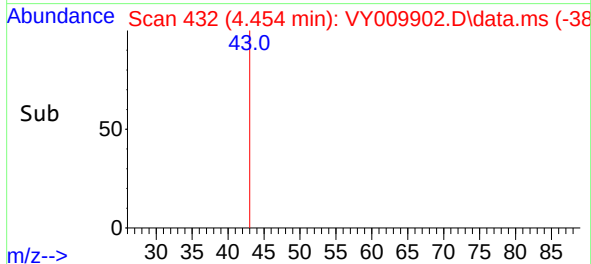
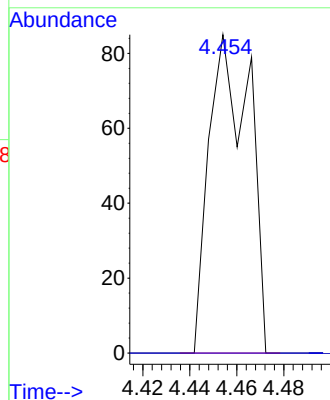
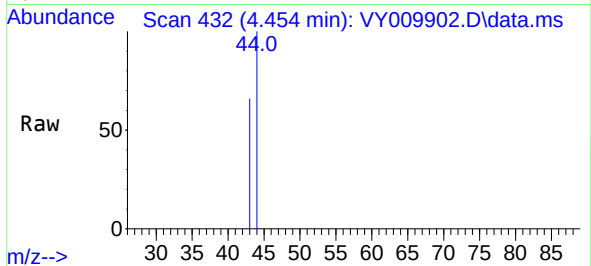




#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

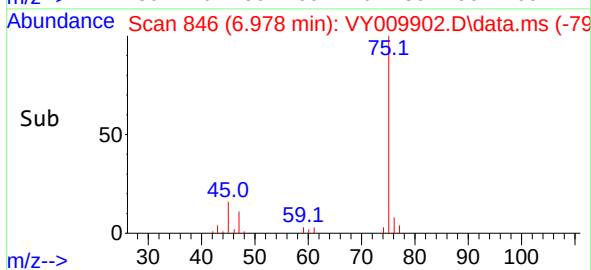
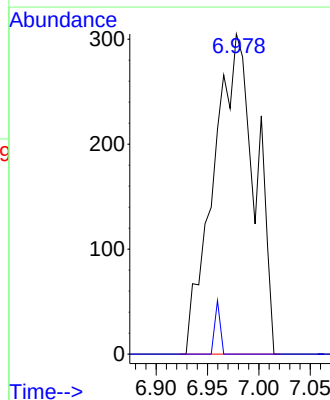
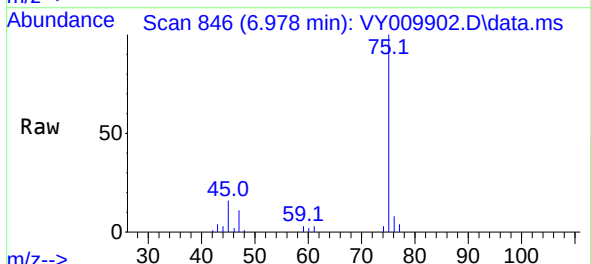
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

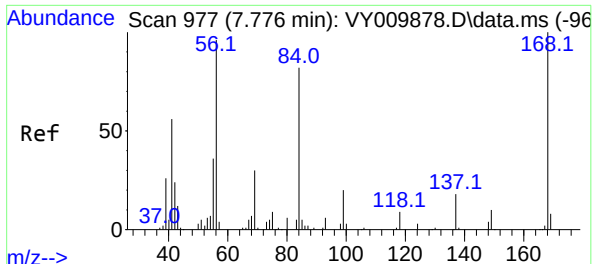
Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#25
2-Butanone
Concen: 3.410 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#

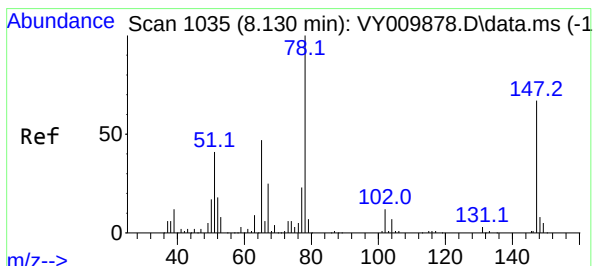
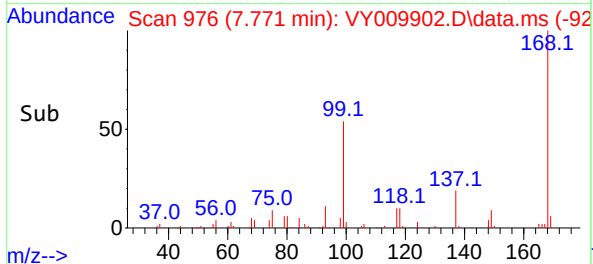
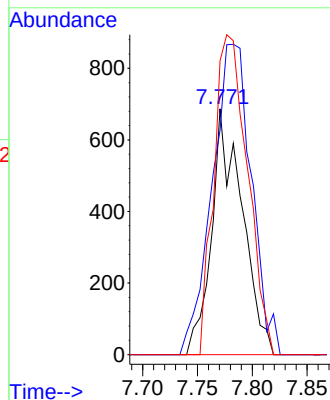
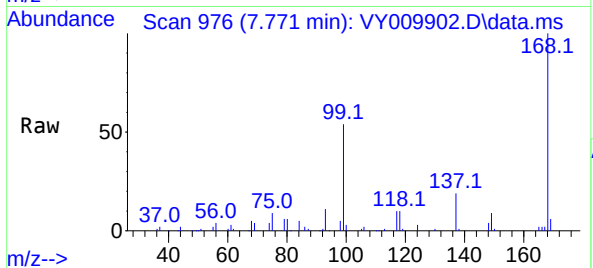




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

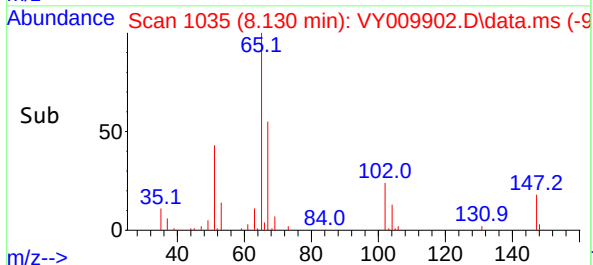
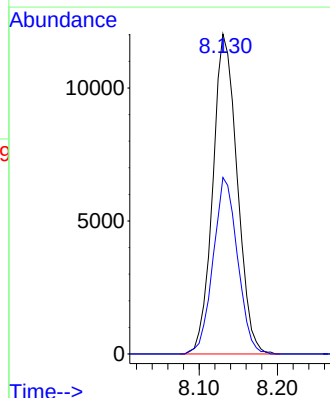
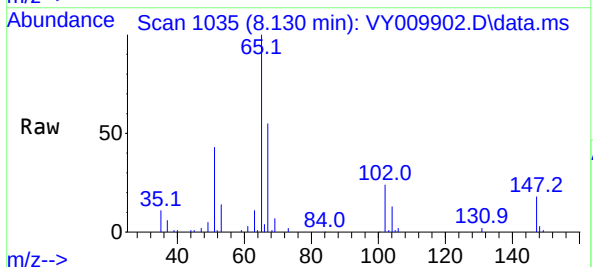
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

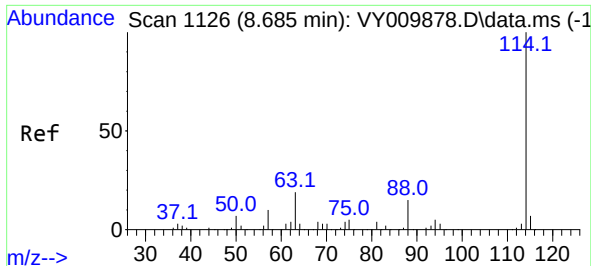
Tgt Ion: 56 Resp: 1328
Ion Ratio Lower Upper
56 100
69 91.3 26.0 39.0#
84 119.5 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 62.531 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

Tgt Ion: 65 Resp: 26022
Ion Ratio Lower Upper
65 100
67 55.2 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009902.D

Acq: 09 Aug 2022 02:45

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

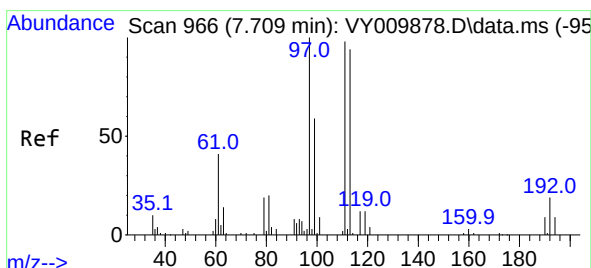
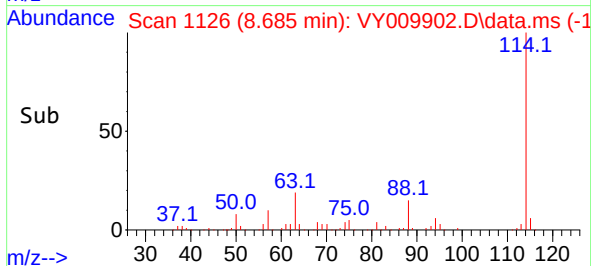
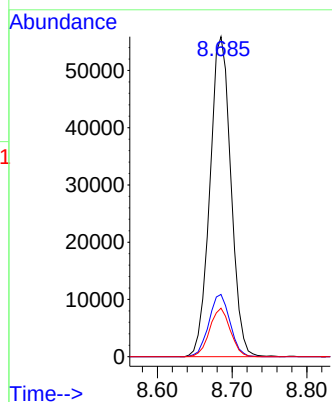
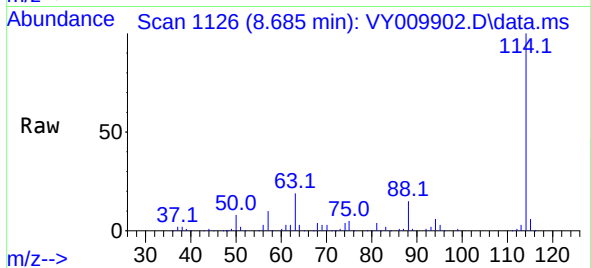
Tgt Ion:114 Resp: 108961

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

88 15.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 41.010 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.007 min

Lab File: VY009902.D

Acq: 09 Aug 2022 02:45

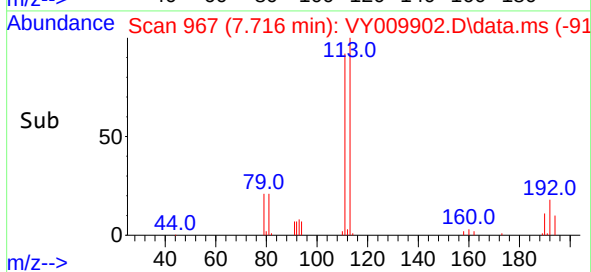
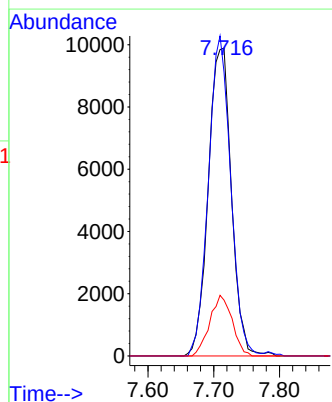
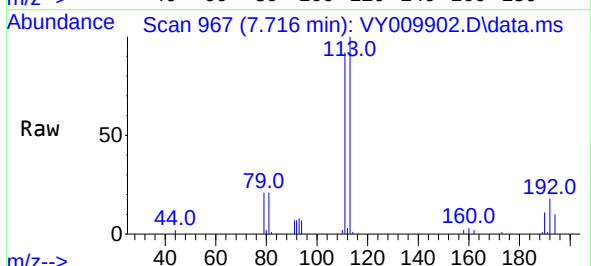
Tgt Ion:113 Resp: 24257

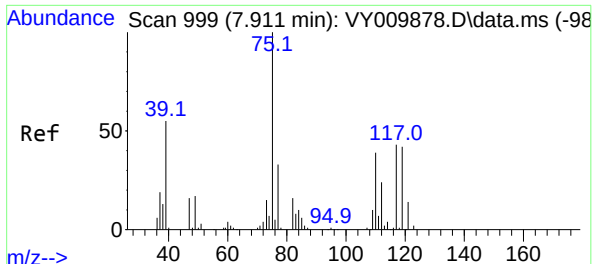
Ion Ratio Lower Upper

113 100

111 99.6 80.6 120.8

192 19.0 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.629 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009902.D

Acq: 09 Aug 2022 02:45

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

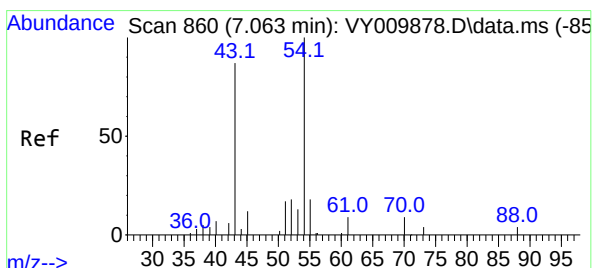
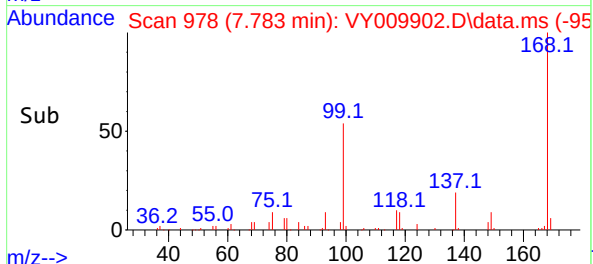
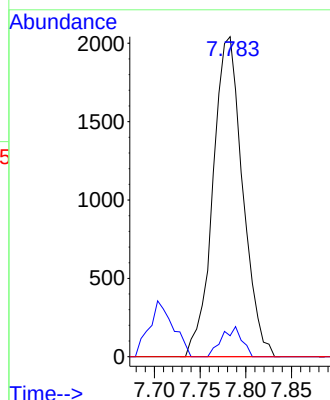
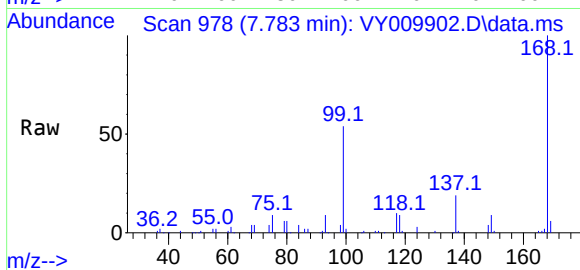
Tgt Ion: 75 Resp: 4620

Ion Ratio Lower Upper

75 100

110 6.3 18.6 56.0#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.302 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.085 min

Lab File: VY009902.D

Acq: 09 Aug 2022 02:45

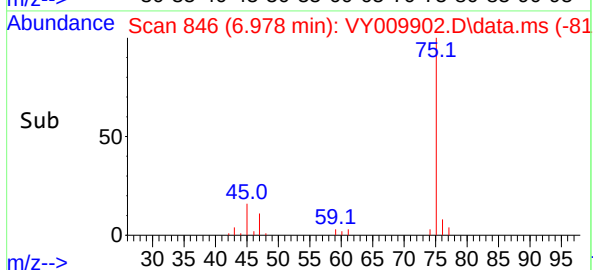
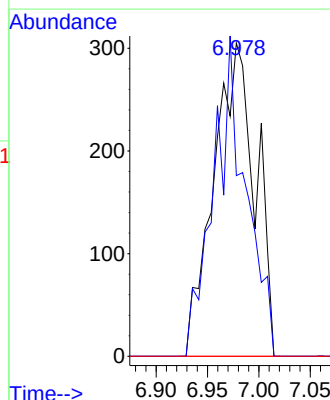
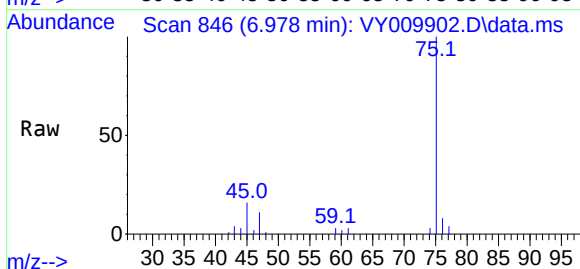
Tgt Ion: 43 Resp: 862

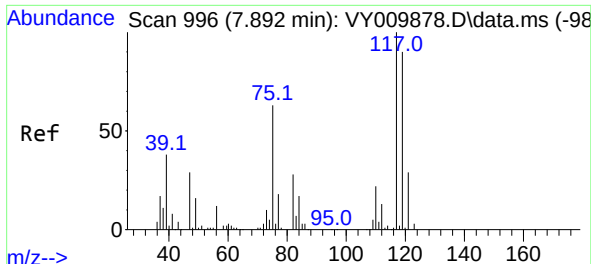
Ion Ratio Lower Upper

43 100

61 79.1 11.2 16.8#

70 0.0 8.4 12.6#

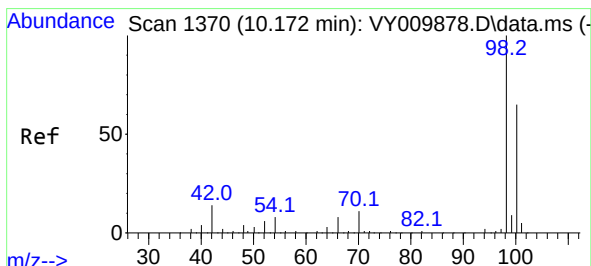
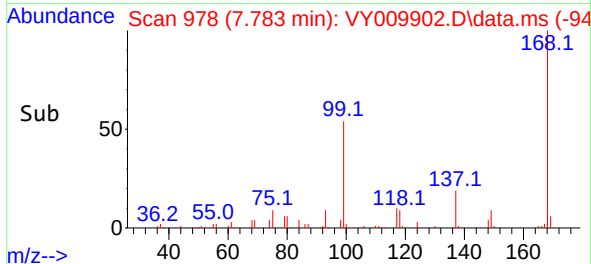
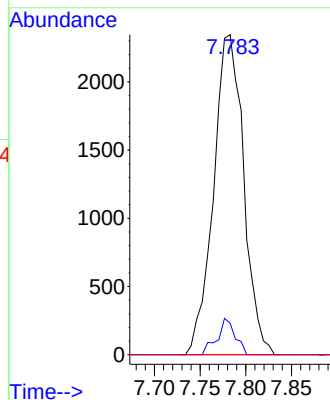
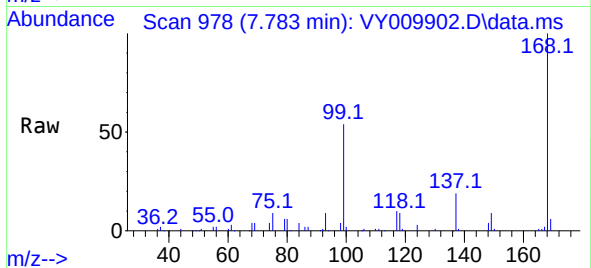




#38
Carbon Tetrachloride
Concen: 5.432 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

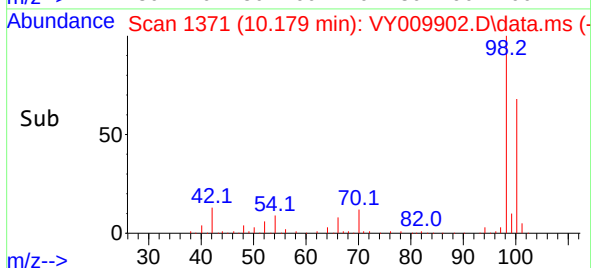
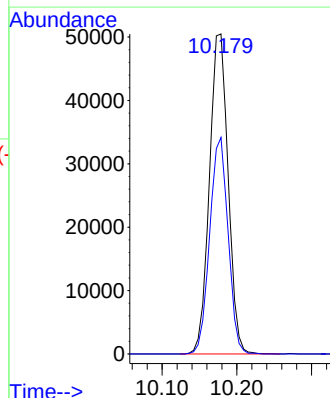
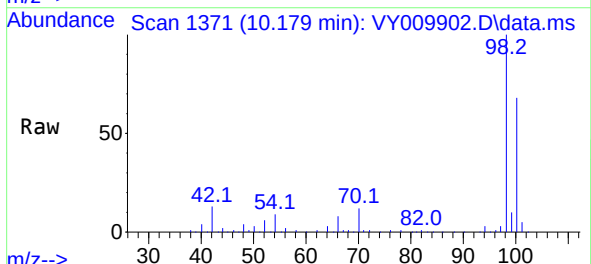
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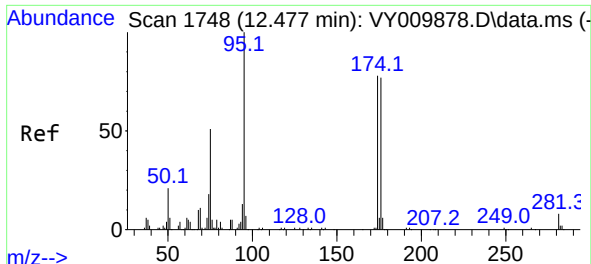
Tgt Ion:117 Resp: 5381
Ion Ratio Lower Upper
117 100
119 9.8 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 48.836 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

Tgt Ion: 98 Resp: 87781
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3

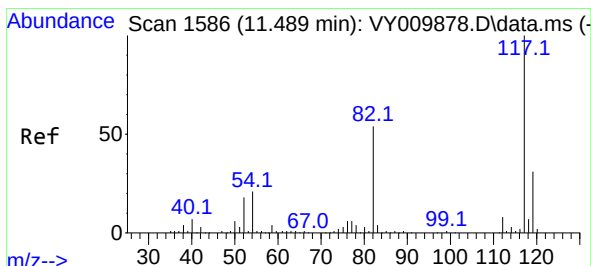
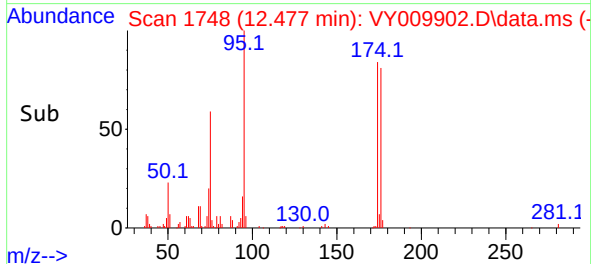
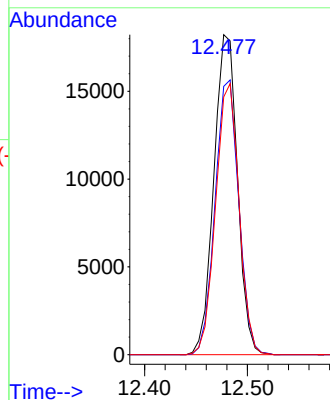
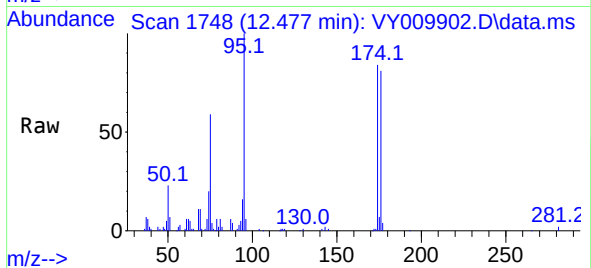




#62
4-Bromofluorobenzene
Concen: 35.115 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

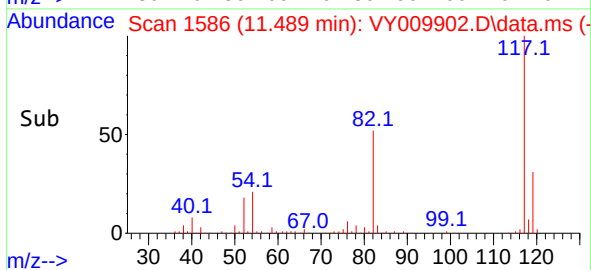
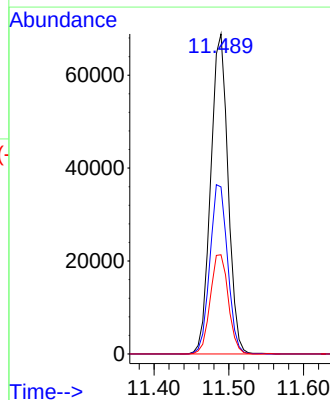
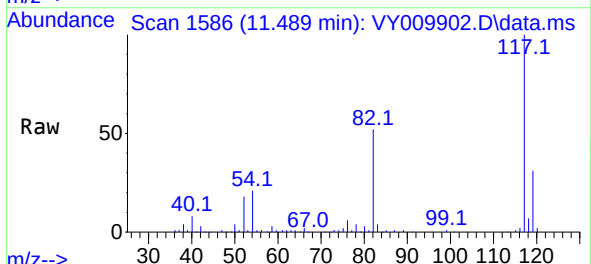
Instrument :
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ClientSampleId :
VNJ-241

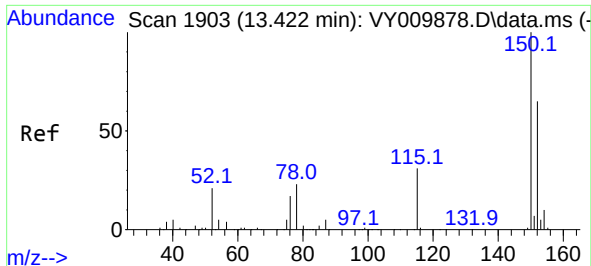
Tgt Ion:	95	Resp:	29001
Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	173.8
176	84.0	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

Tgt Ion:	117	Resp:	111120
Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.6
119	31.0	25.6	38.4

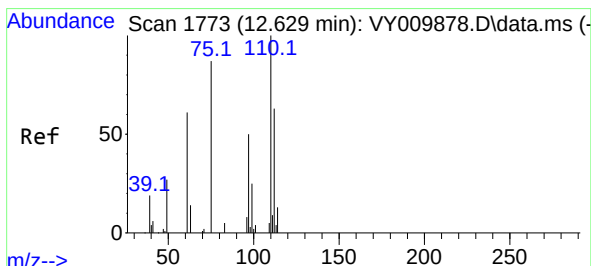
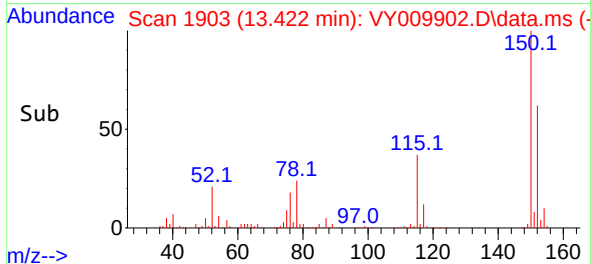
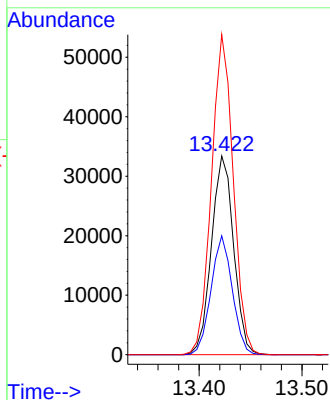
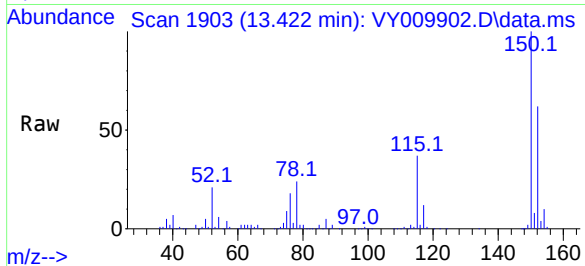




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

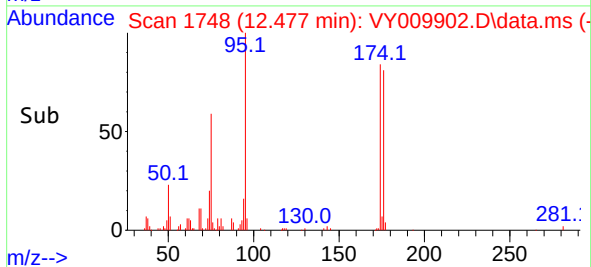
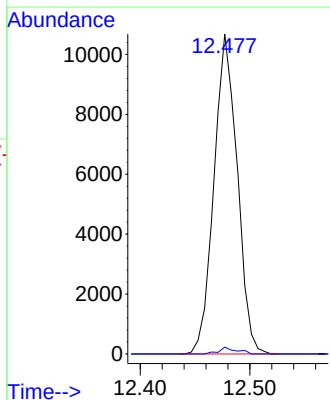
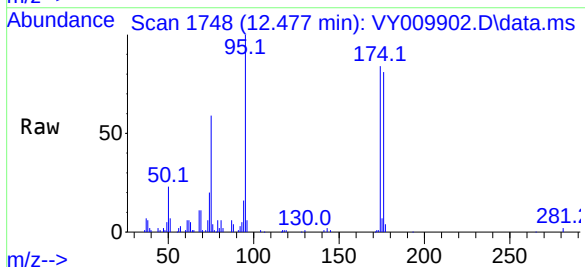
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

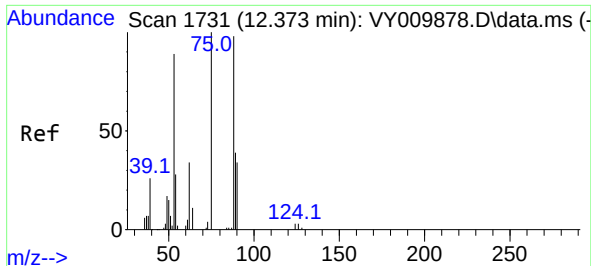
Tgt Ion:152 Resp: 50098
Ion Ratio Lower Upper
152 100
115 57.4 28.6 85.9
150 158.2 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 28.717 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009902.D
Acq: 09 Aug 2022 02:45

Tgt Ion: 75 Resp: 15740
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.058 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009902.D
 Acq: 09 Aug 2022 02:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Tgt Ion: 75 Resp: 15740
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

