

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009925.D
 Acq On : 09 Aug 2022 17:22
 Operator : KP/MD
 Sample : N4089-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-228

Quant Time: Aug 09 23:08:07 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)

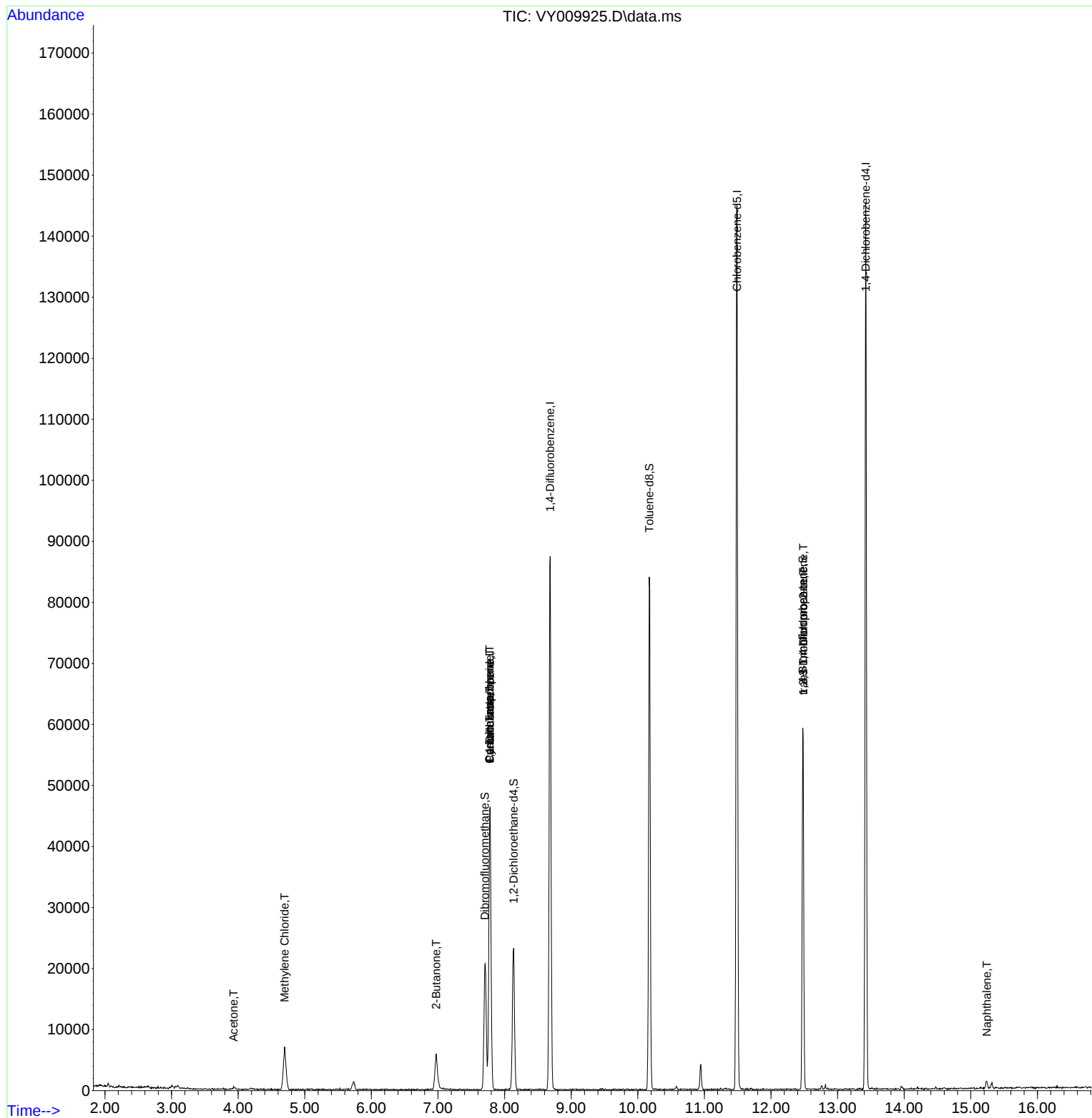
Internal Standards						
1) Pentafluorobenzene	7.783	168	35420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16431	60.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.920%			
35) Dibromofluoromethane	7.703	113	15117	38.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 76.720%			
50) Toluene-d8	10.172	98	54334	44.825	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.640%			
62) 4-Bromofluorobenzene	12.477	95	18166	33.018	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 66.040%			
Target Compounds			Qvalue			
16) Acetone	3.930	43	691	6.916	ug/l #	79
18) Methyl Acetate	4.478	43	68	Below Cal	#	52
20) Methylene Chloride	4.698	84	4678	1.325	ug/l	92
25) 2-Butanone	6.972	43	215	1.307	ug/l #	48
31) Cyclohexane	7.777	56	824	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	2983	4.486	ug/l #	46
38) Carbon Tetrachloride	7.777	117	3642	5.519	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	9514	24.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9514	50.523	ug/l #	13
95) Naphthalene	15.239	128	1431	1.179	ug/l #	96

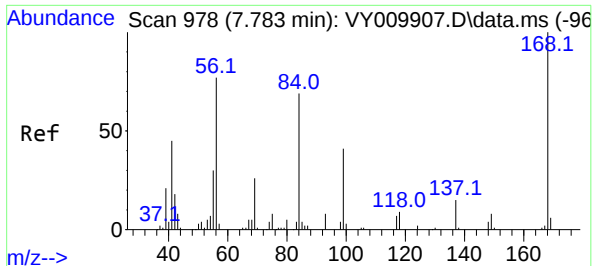
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY080925.D
Acq On : 09 Aug 2022 17:22
Operator : KP/MD
Sample : N4089-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

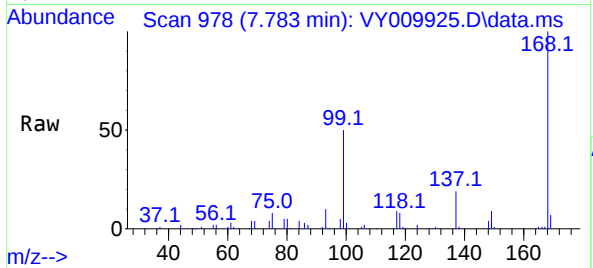
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



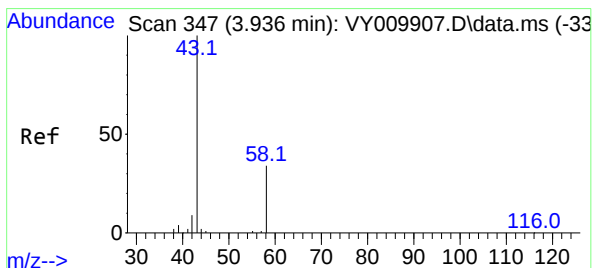
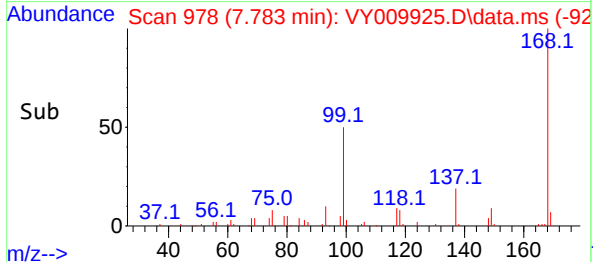
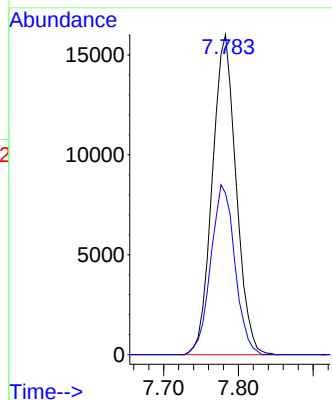


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

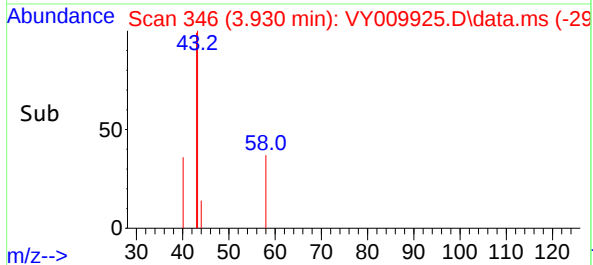
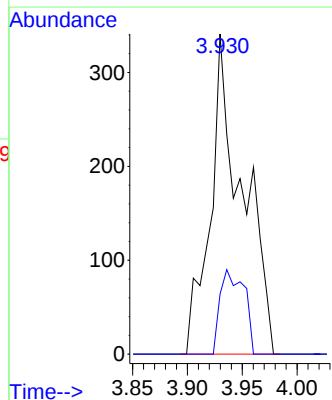
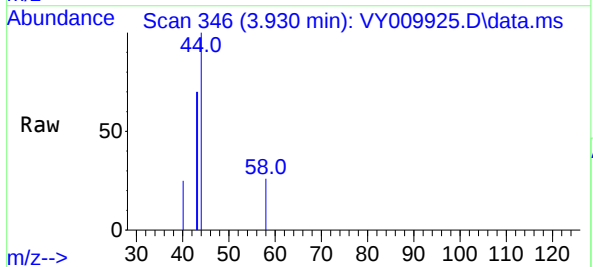


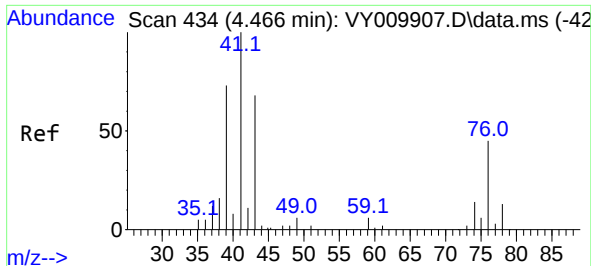
Tgt Ion:168 Resp: 35420
Ion Ratio Lower Upper
168 100
99 50.4 42.1 63.1



#16
Acetone
Concen: 6.916 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 18.8 24.0 36.0#

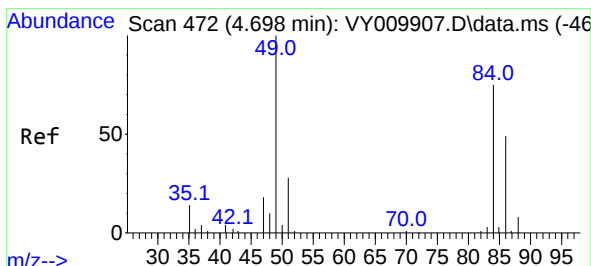
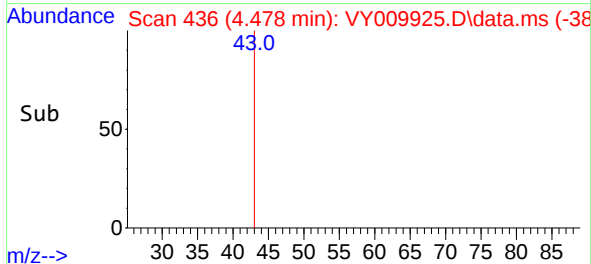
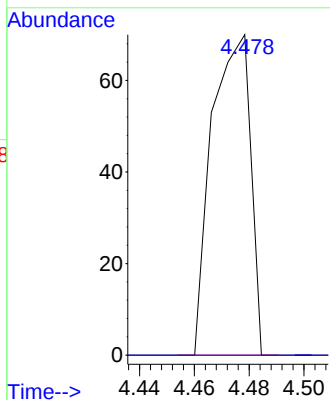
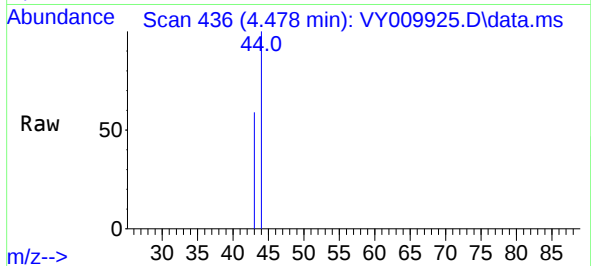




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

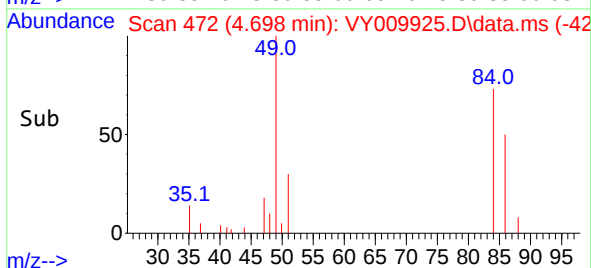
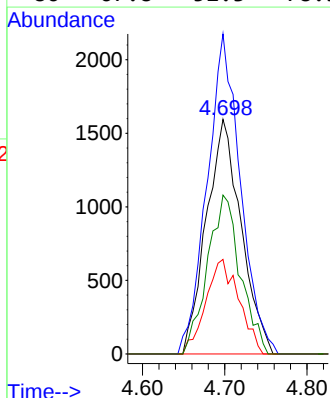
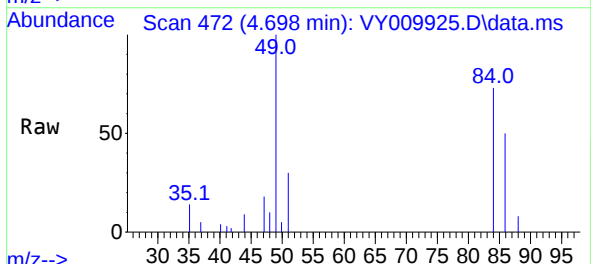
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

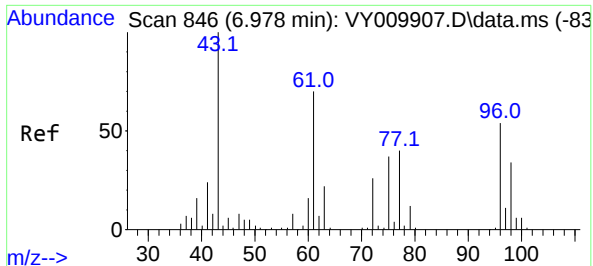
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 1.325 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion: 84 Resp: 4678
Ion Ratio Lower Upper
84 100
49 136.4 98.2 147.4
51 40.3 33.4 50.0
86 67.8 52.3 78.5





#25

2-Butanone

Concen: 1.307 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009925.D

Acq: 09 Aug 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

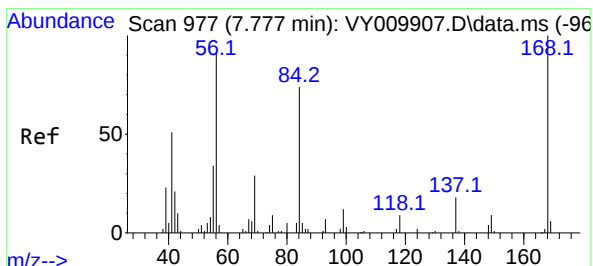
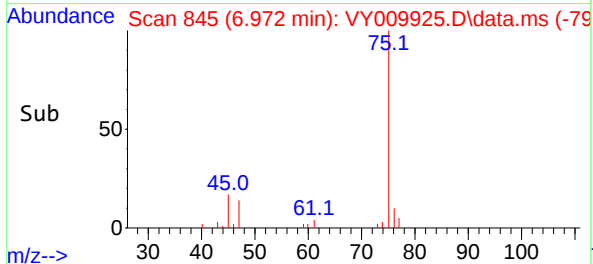
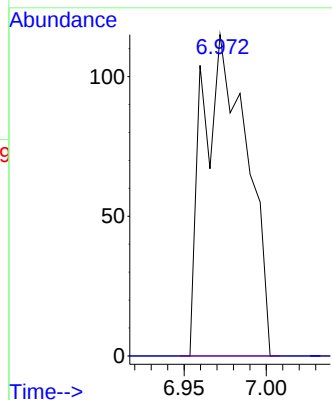
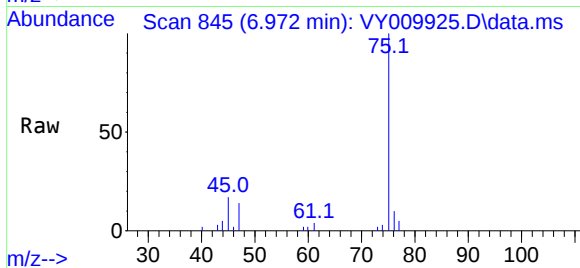
VNJ-228

Tgt Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 1.198 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.001 min

Lab File: VY009925.D

Acq: 09 Aug 2022 17:22

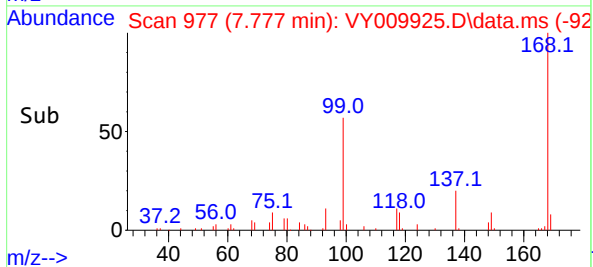
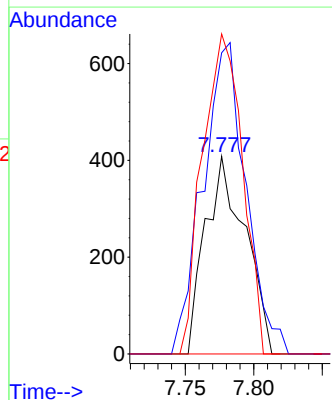
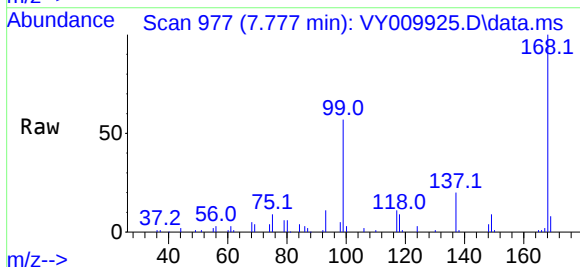
Tgt Ion: 56 Resp: 824

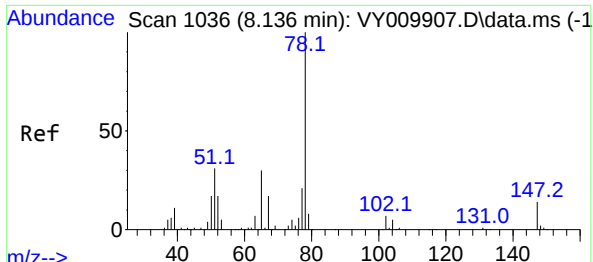
Ion Ratio Lower Upper

56 100

69 140.0 26.0 39.0#

84 162.0 69.5 104.3#

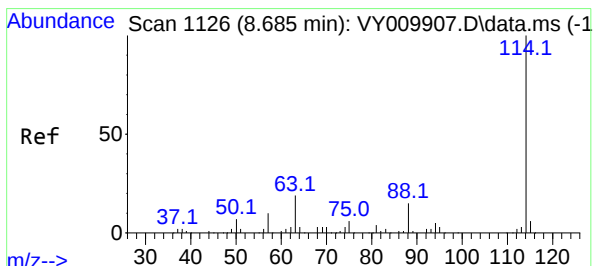
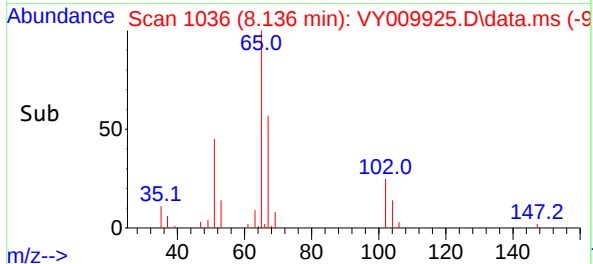
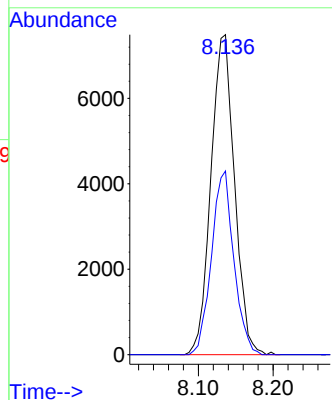
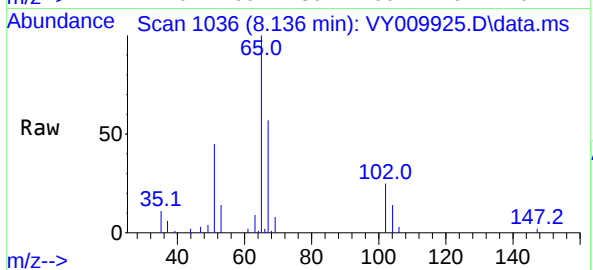




#33
1,2-Dichloroethane-d4
Concen: 60.459 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

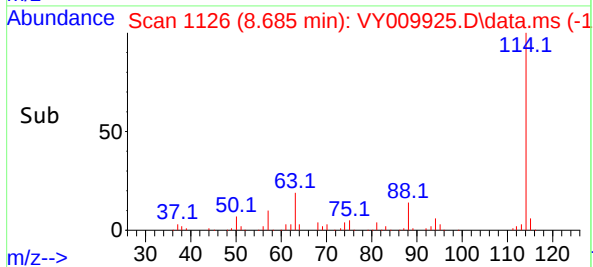
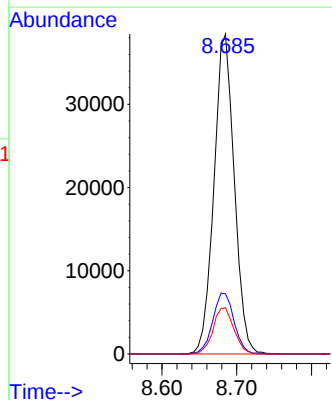
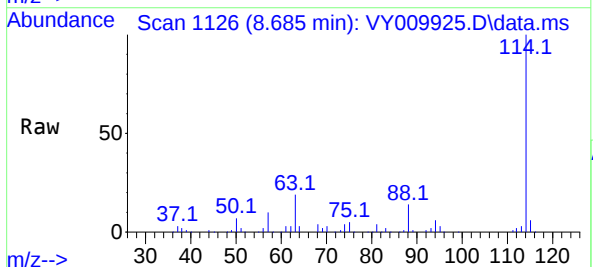
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

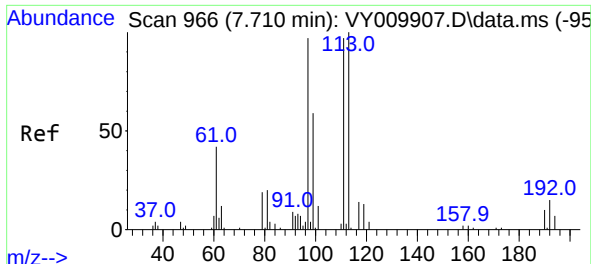
Tgt Ion: 65 Resp: 16431
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion: 114 Resp: 72588
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.0
88 14.5 0.0 30.0

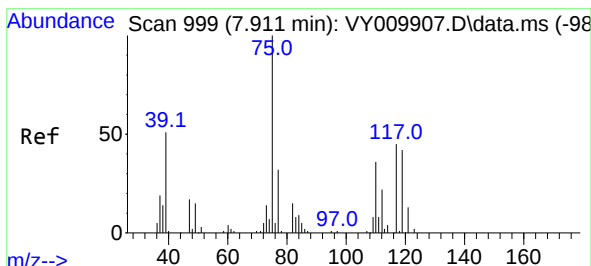
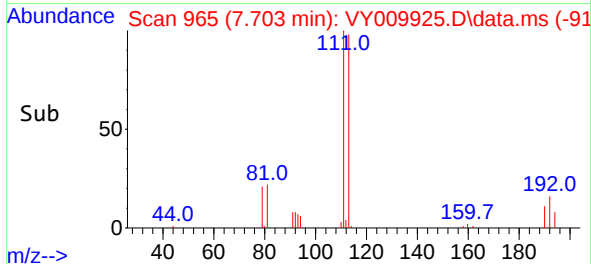
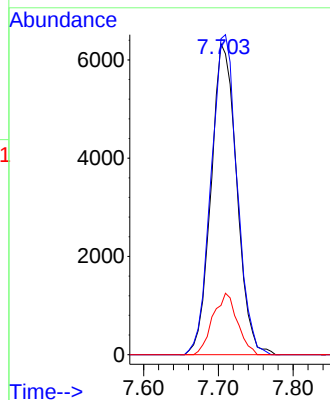
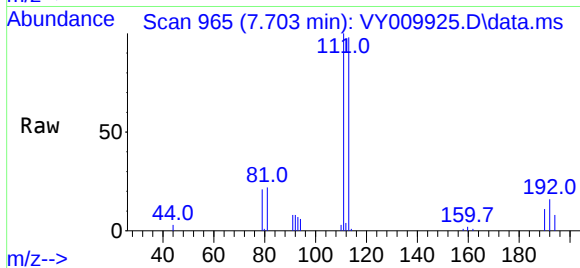




#35
Dibromofluoromethane
Concen: 38.364 ug/l
RT: 7.703 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

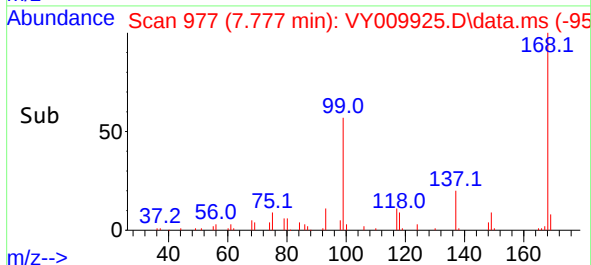
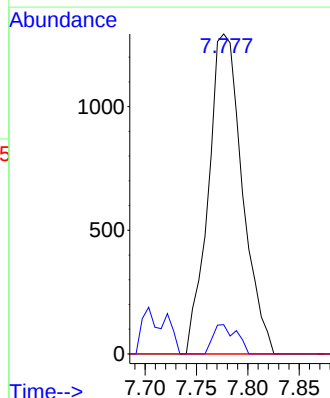
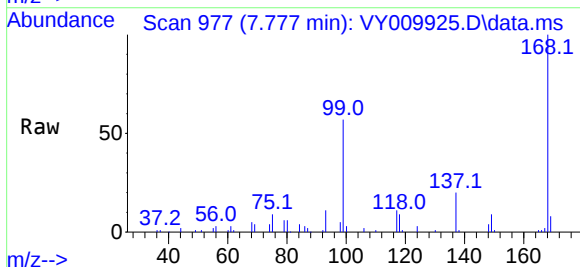
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

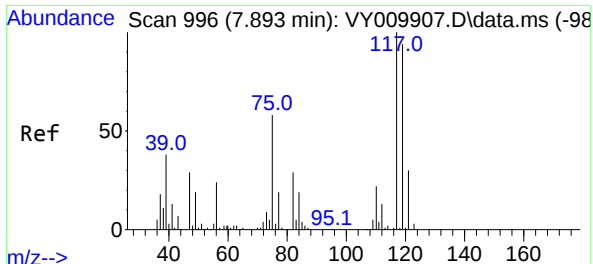
Tgt Ion:	113	Resp:	15117
Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.6	120.8
192	18.8	16.2	24.4



#36
1,1-Dichloropropene
Concen: 4.486 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

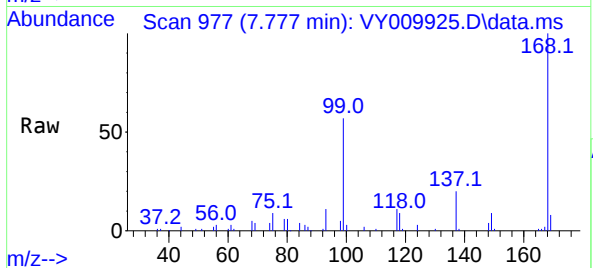
Tgt Ion:	75	Resp:	2983
Ion	Ratio	Lower	Upper
75	100		
110	6.3	18.6	56.0#
77	0.0	25.0	37.4#



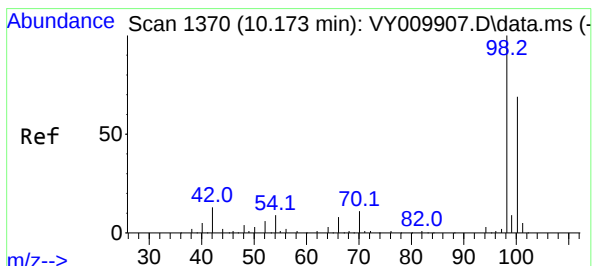
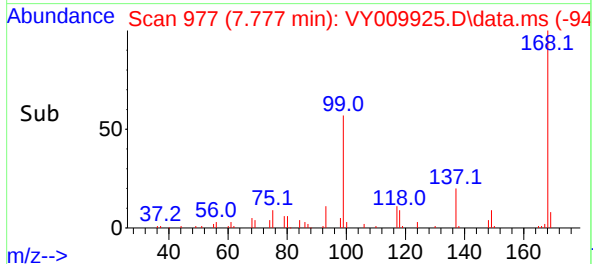
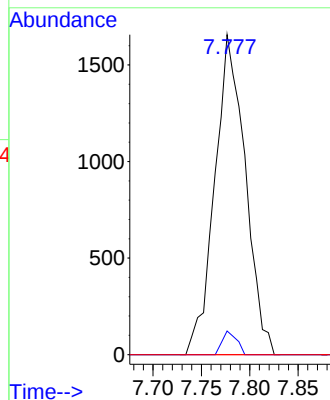


#38
Carbon Tetrachloride
Concen: 5.519 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

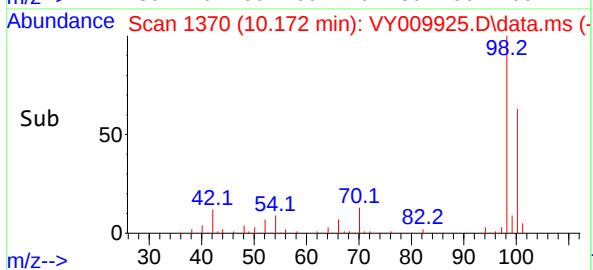
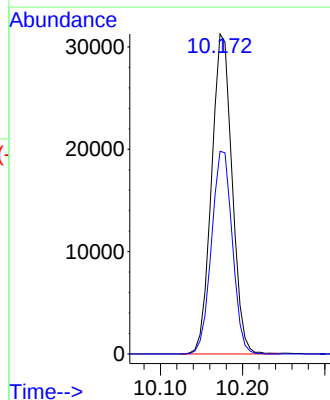
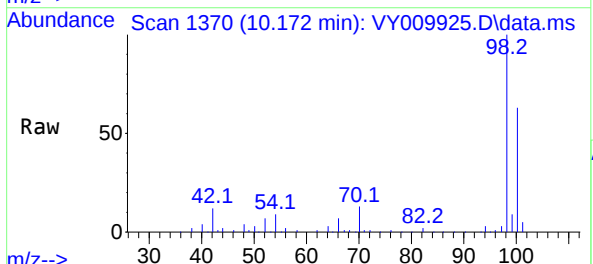


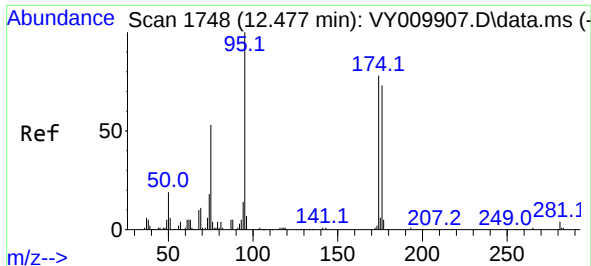
Tgt Ion:117 Resp: 3642
Ion Ratio Lower Upper
117 100
119 7.4 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 44.825 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion: 98 Resp: 54334
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3

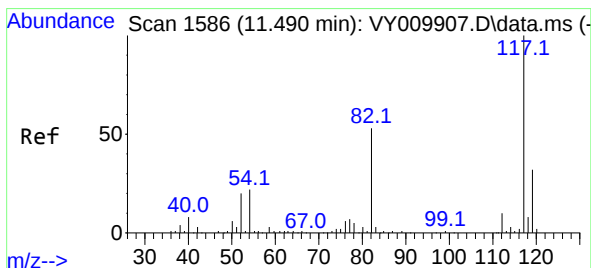
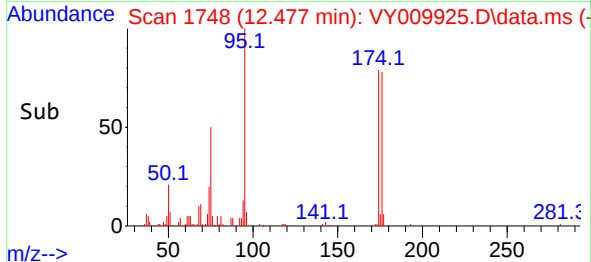
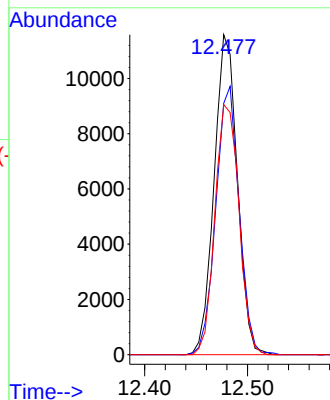
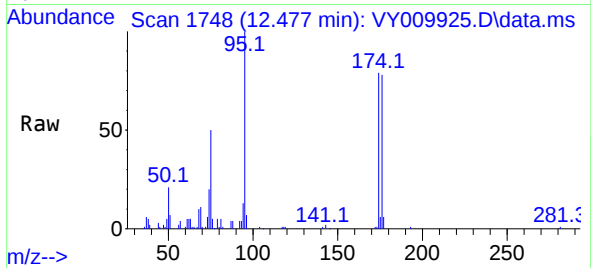




#62
4-Bromofluorobenzene
Concen: 33.018 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

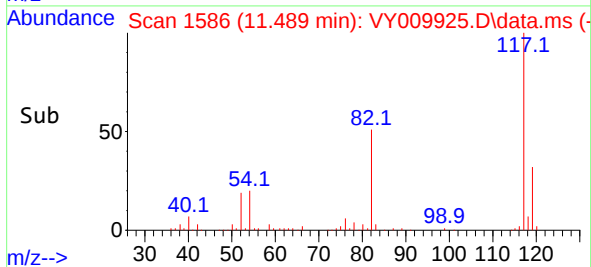
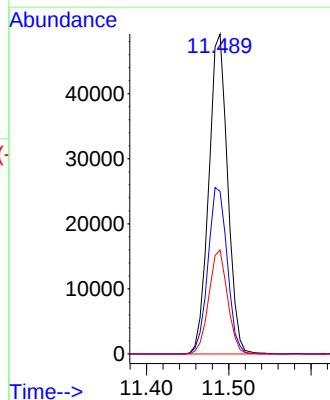
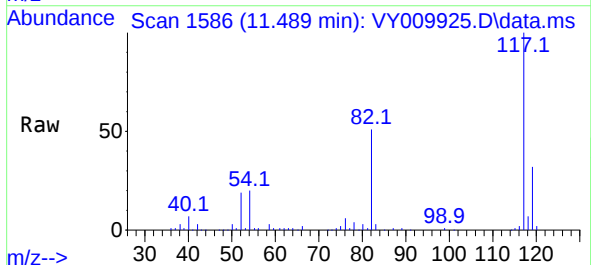
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

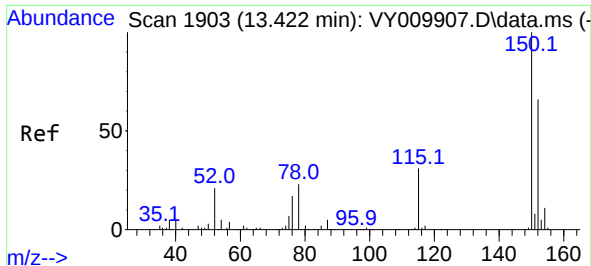
Tgt Ion: 95 Resp: 18166
Ion Ratio Lower Upper
95 100
174 84.1 0.0 173.8
176 80.8 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion: 117 Resp: 78368
Ion Ratio Lower Upper
117 100
82 50.8 41.8 62.6
119 32.5 25.6 38.4

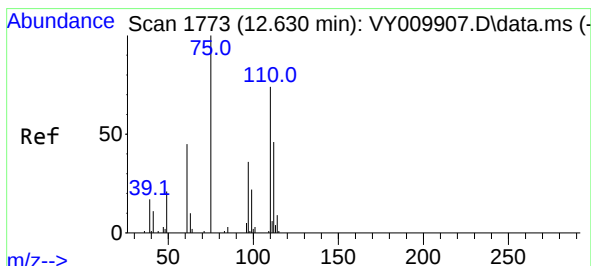
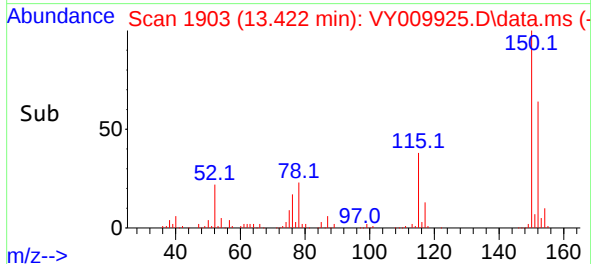
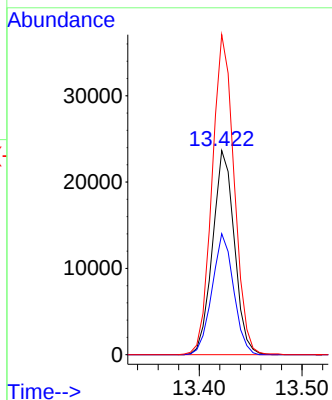
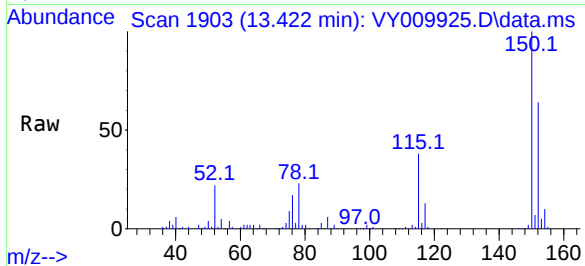




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

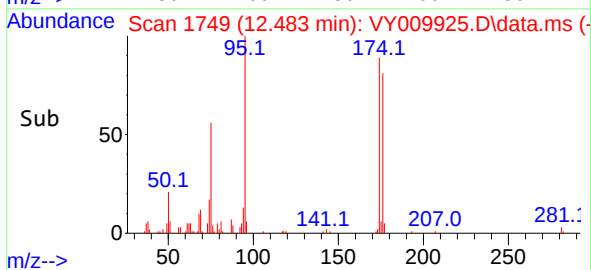
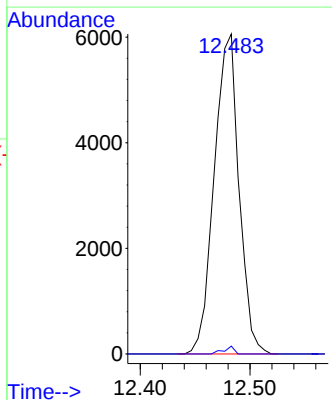
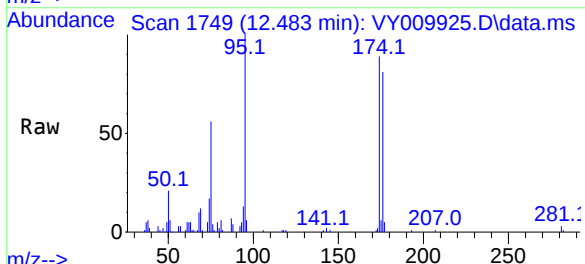
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

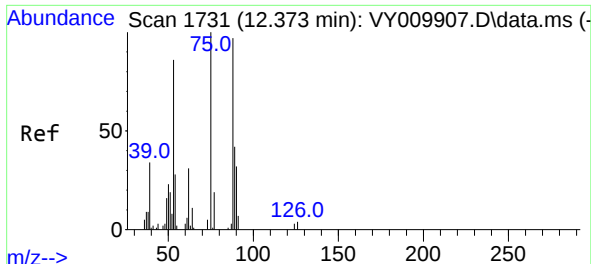
Tgt Ion:152 Resp: 34798
Ion Ratio Lower Upper
152 100
115 58.6 28.6 85.9
150 158.7 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 24.989 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion: 75 Resp: 9514
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

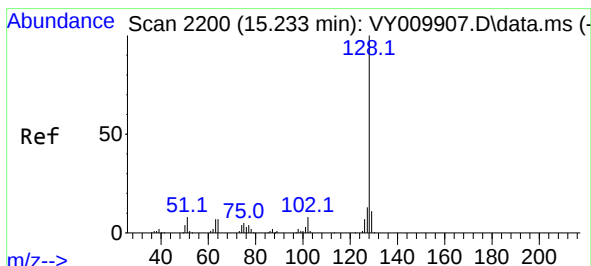
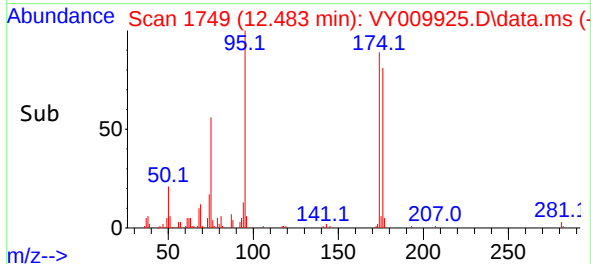
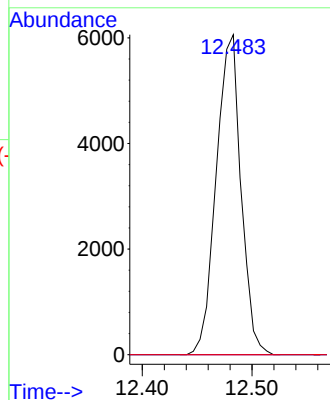
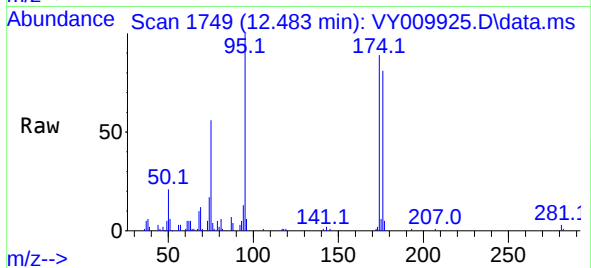




#81
trans-1,4-Dichloro-2-butene
Concen: 50.523 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

Tgt Ion: 75 Resp: 9514
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#



#95
Naphthalene
Concen: 1.179 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.007 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion:128 Resp: 1431
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 14.0 8.8 13.2#

