

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016871.D
 Acq On : 27 Dec 2023 12:39
 Operator : SY/MD
 Sample : 06027-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONTAINMENT

Quant Time: Dec 28 03:43:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

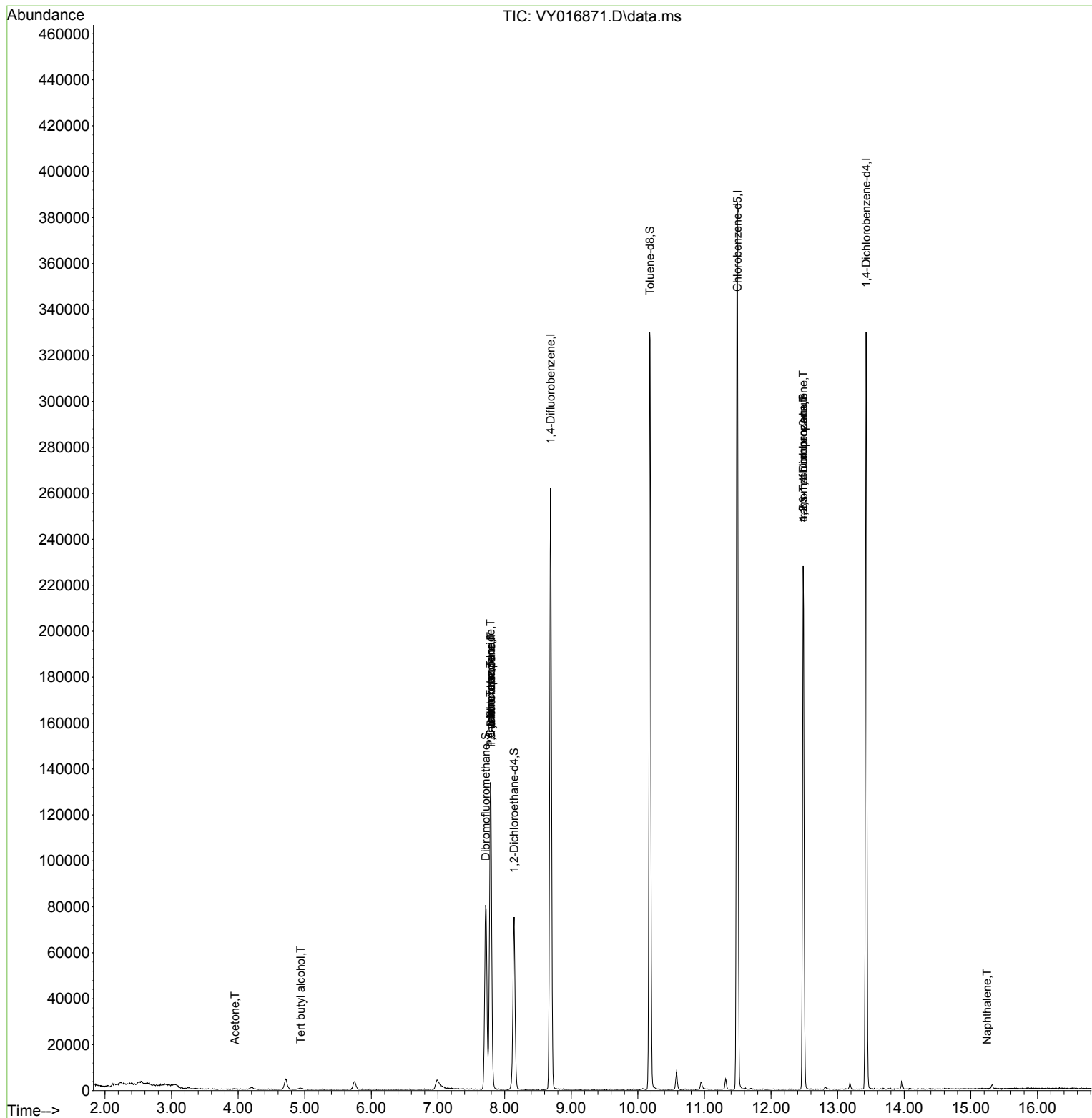
Internal Standards						
1) Pentafluorobenzene	7.795	168	100840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218801	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	214576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55012	59.759	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.520%
35) Dibromofluoromethane	7.716	113	58815	46.926	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.185	98	219520	48.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.483	95	67724	46.202	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	505	6.691	ug/l #	75
16) Acetone	3.954	43	512	2.057	ug/l	95
20) Methylene Chloride	4.710	84	3266	Below Cal		89
31) Cyclohexane	7.789	56	2482	1.407	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	9263	4.610	ug/l #	49
38) Carbon Tetrachloride	7.789	117	10342	5.201	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	36274	41.137	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36274	96.608	ug/l #	12
95) Naphthalene	15.245	128	172	3.656	ug/l #	69

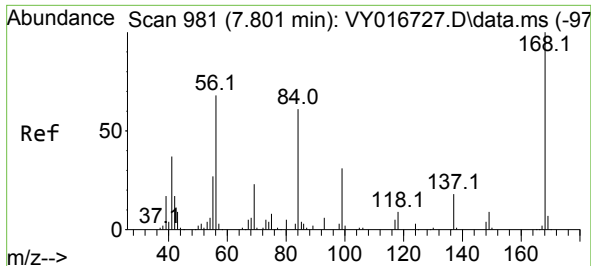
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

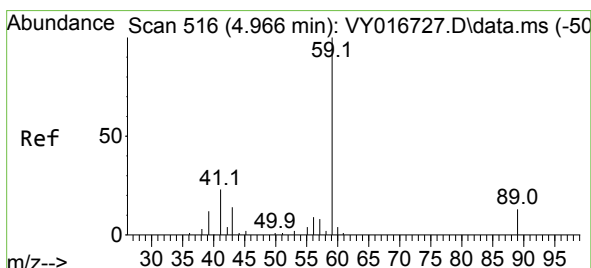
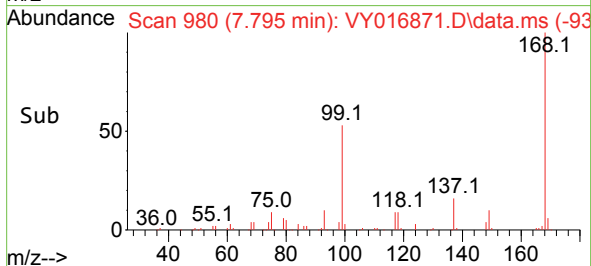
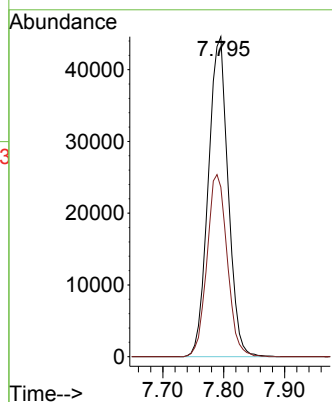
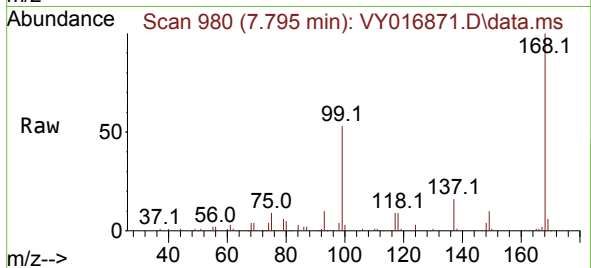




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

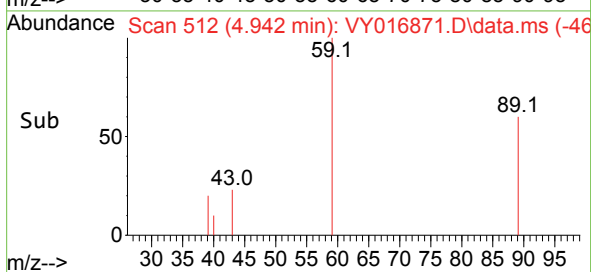
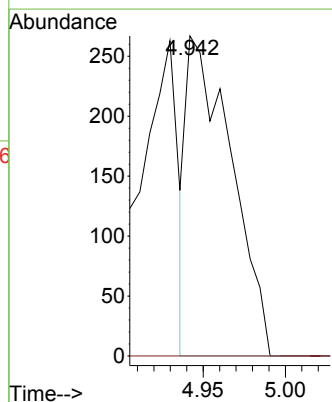
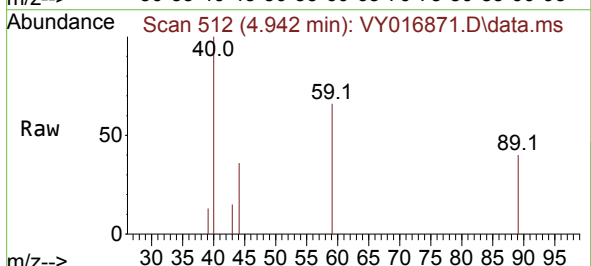
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT

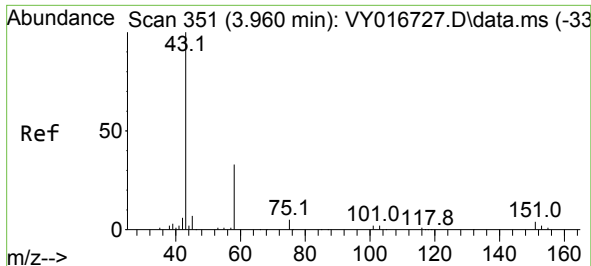
Tgt Ion:168 Resp: 100840
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 6.691 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion: 59 Resp: 505
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

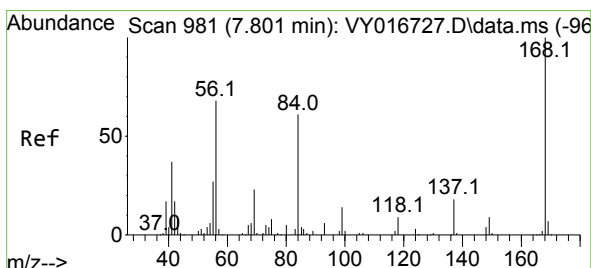
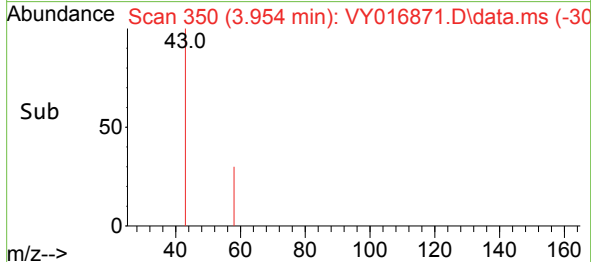
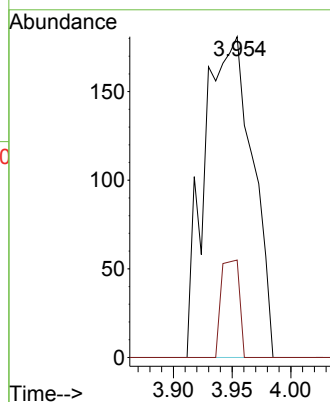
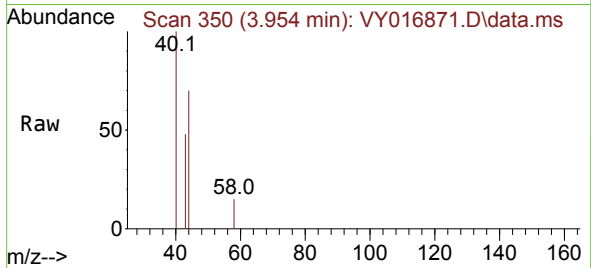




#16
Acetone
Concen: 2.057 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

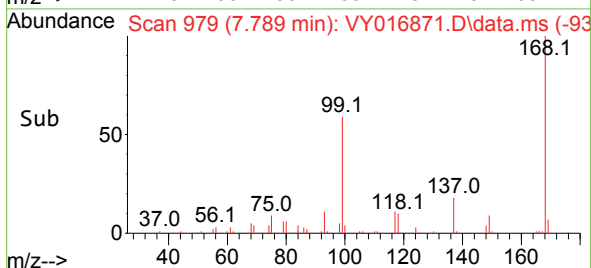
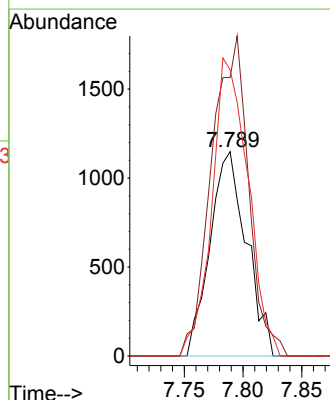
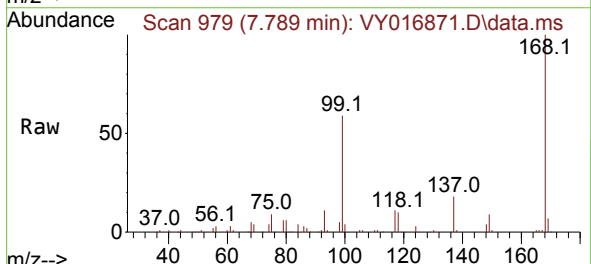
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT

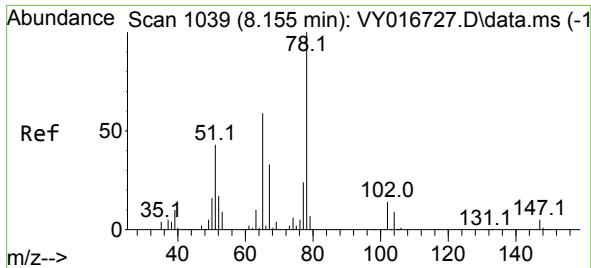
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 30.4 26.6 39.8



#31
Cyclohexane
Concen: 1.407 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion: 56 Resp: 2482
Ion Ratio Lower Upper
56 100
69 136.3 27.0 40.6#
84 139.9 71.8 107.6#

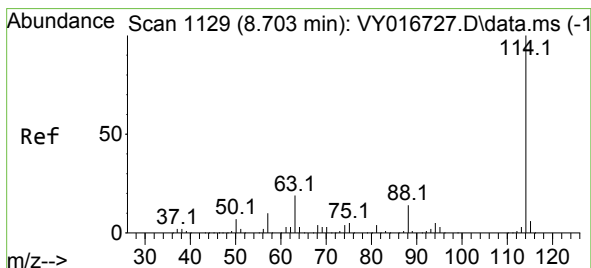
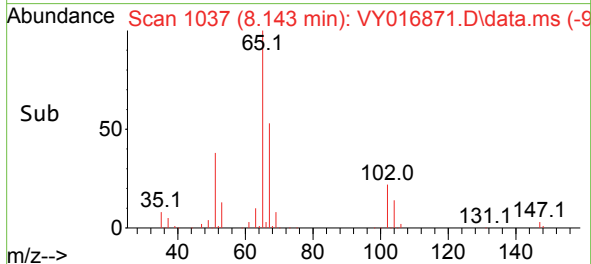
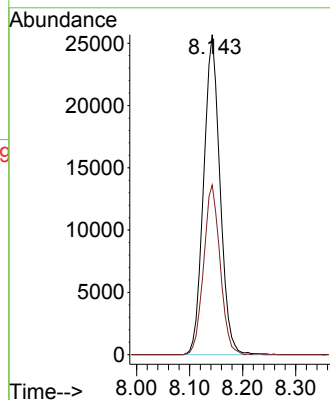
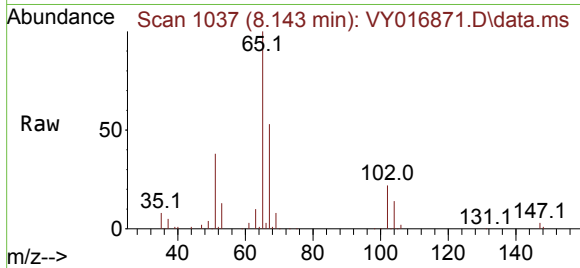




#33
1,2-Dichloroethane-d4
Concen: 59.759 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

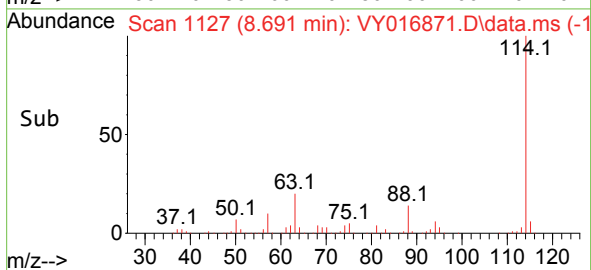
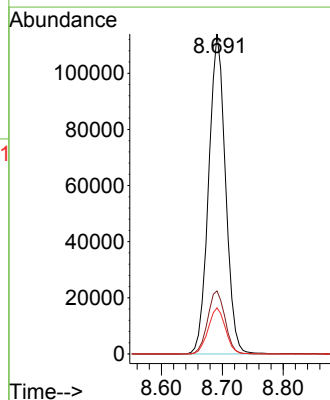
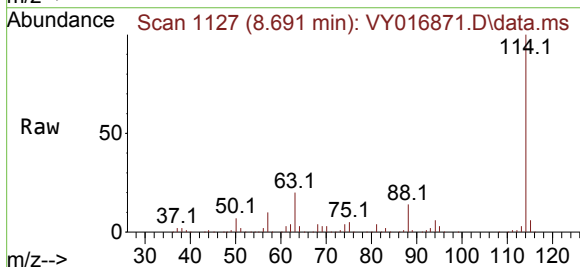
Instrument :
MSVOA_Y
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CONTAINMENT

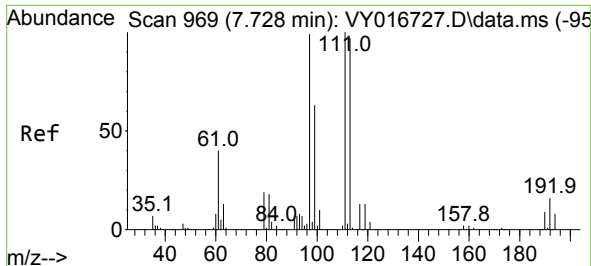
Tgt Ion: 65 Resp: 55012
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion: 114 Resp: 218801
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.4 0.0 29.0

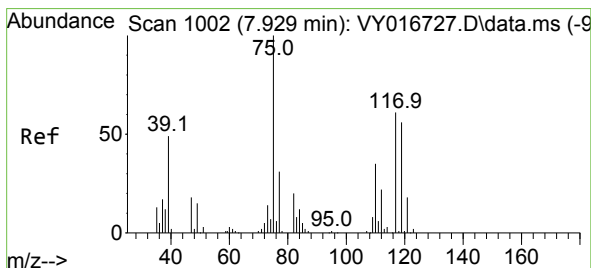
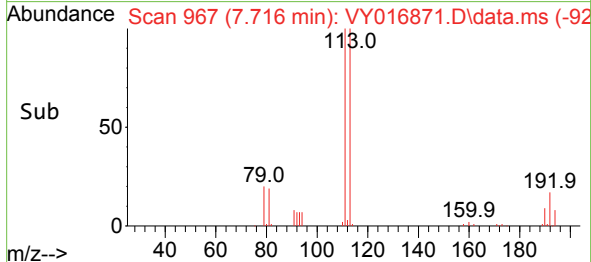
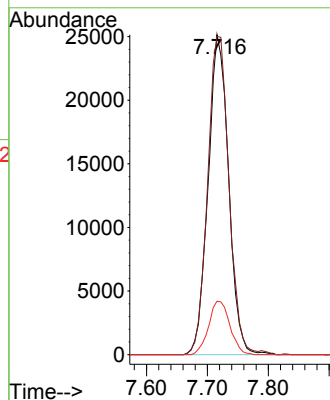
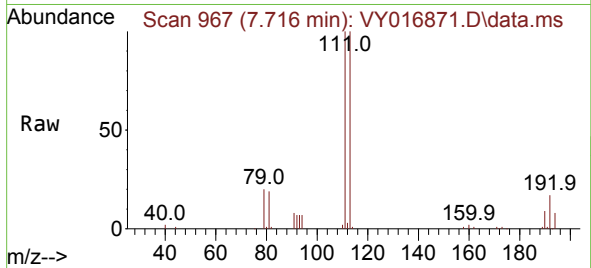




#35
Dibromofluoromethane
Concen: 46.926 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

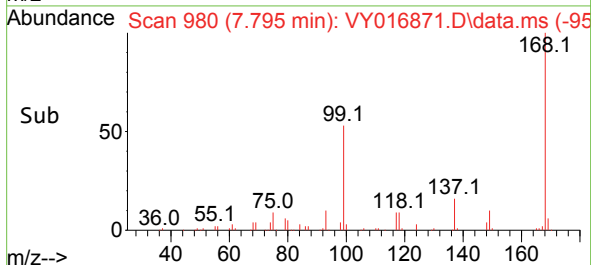
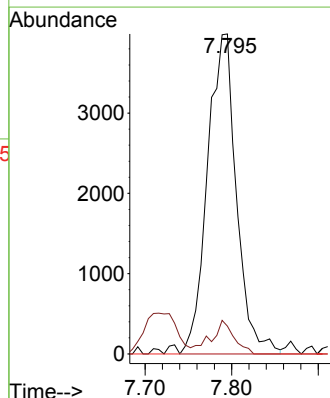
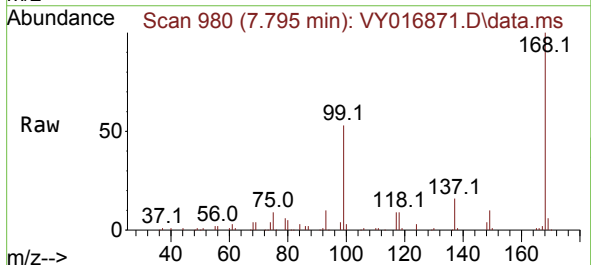
Instrument :
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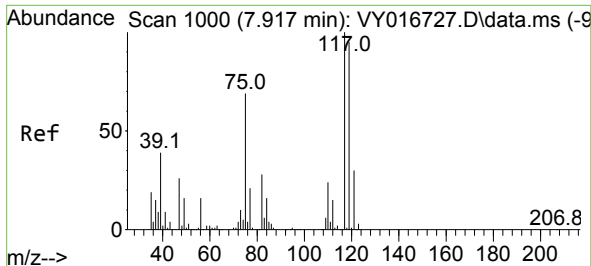
Tgt Ion:113 Resp: 58815
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 17.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion: 75 Resp: 9263
Ion Ratio Lower Upper
75 100
110 8.3 17.4 52.3#
77 0.0 24.7 37.1#

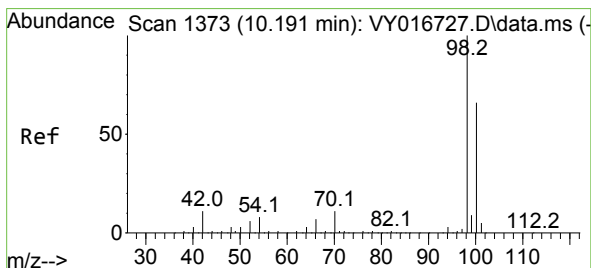
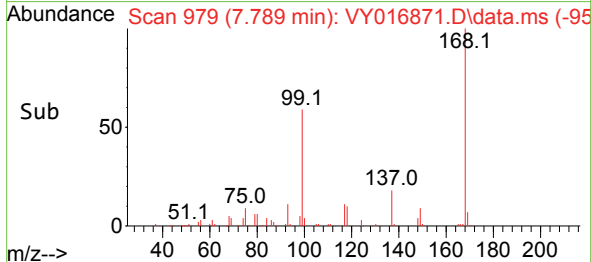
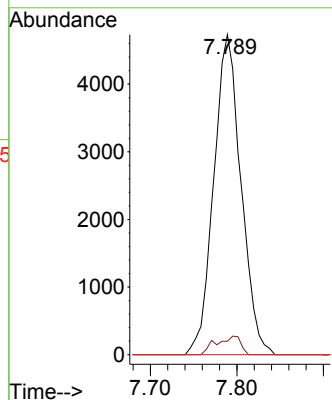
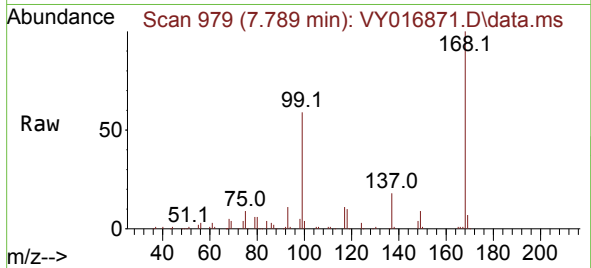




#38
Carbon Tetrachloride
Concen: 5.201 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

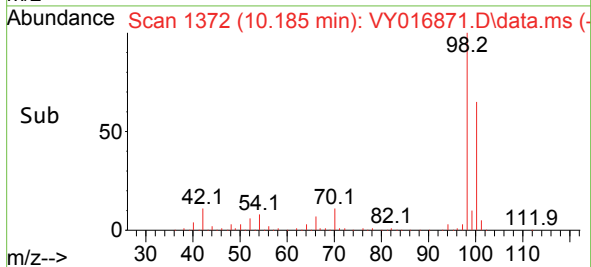
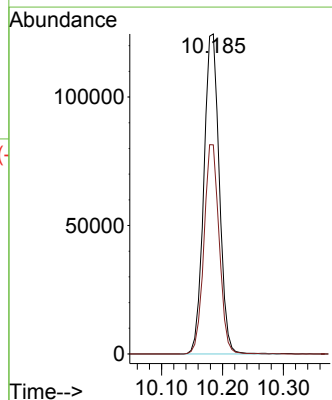
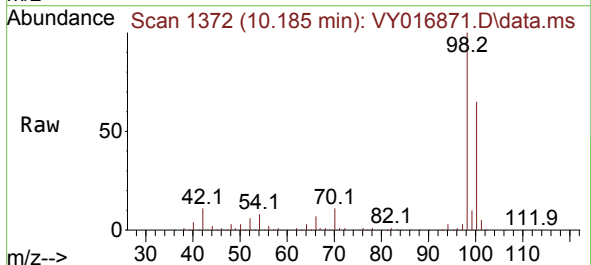
Instrument :
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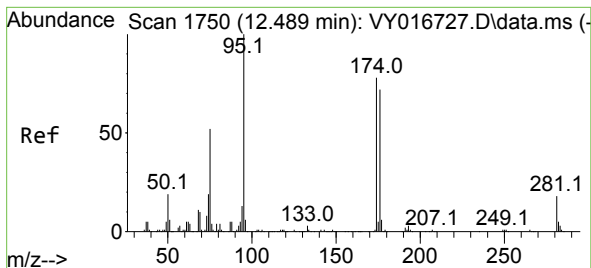
Tgt Ion:117 Resp: 10342
Ion Ratio Lower Upper
117 100
119 4.2 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.586 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion: 98 Resp: 219520
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

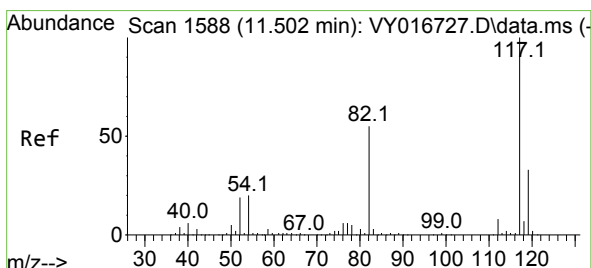
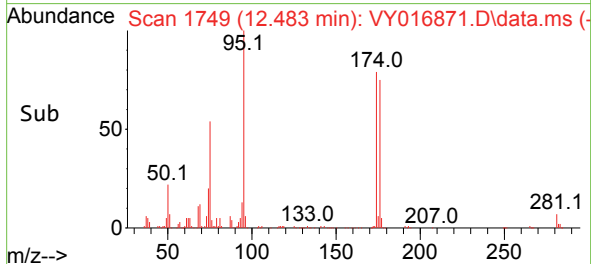
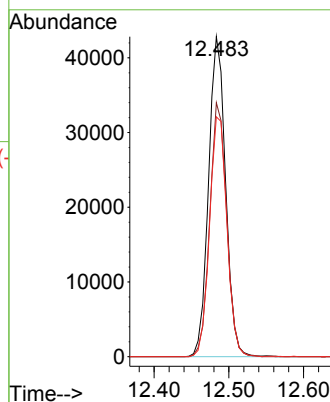
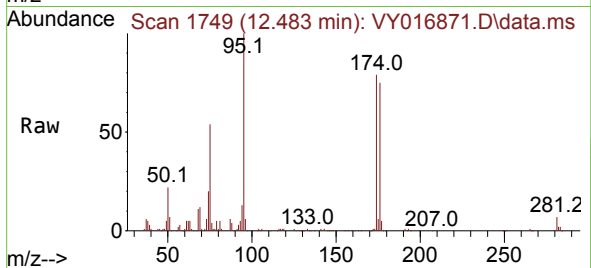




#62
4-Bromofluorobenzene
Concen: 46.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

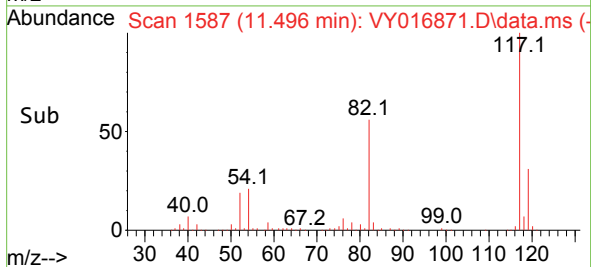
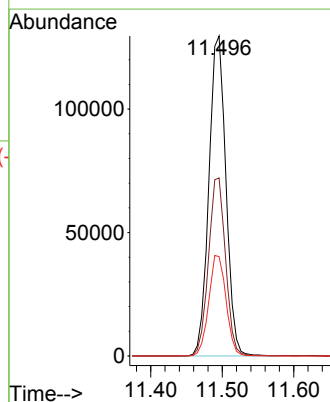
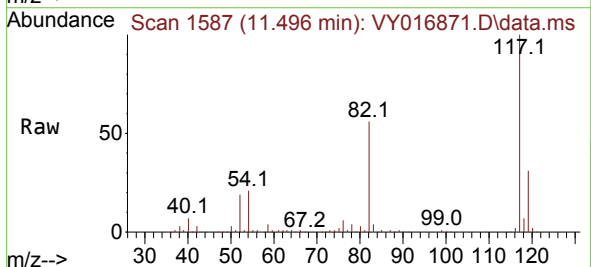
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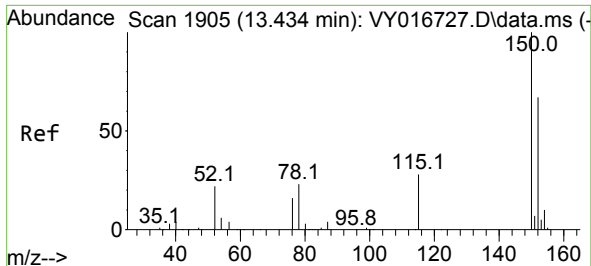
Tgt Ion: 95 Resp: 67724
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 76.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion: 117 Resp: 214576
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 31.0 26.5 39.7

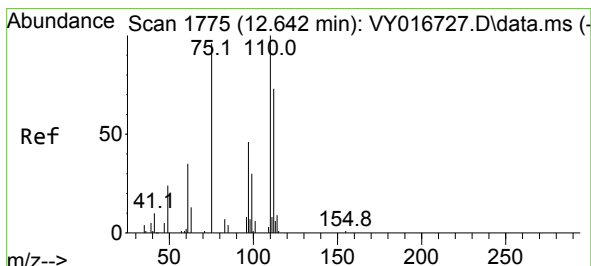
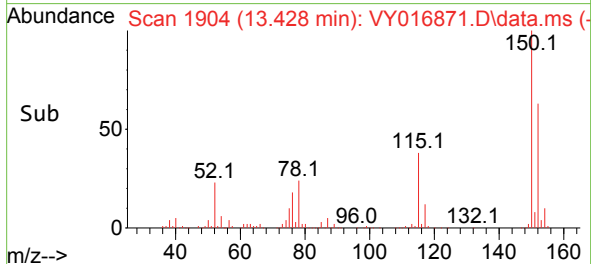
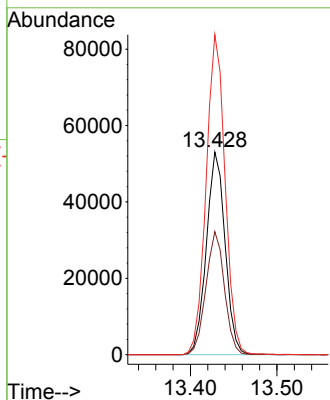
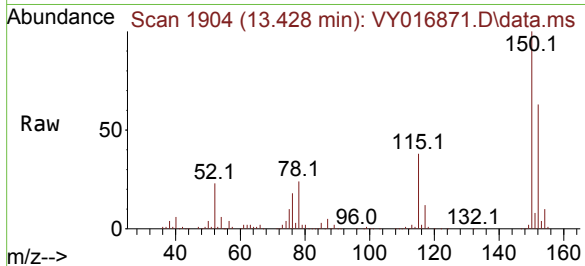




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1905
 Delta R.T. -0.006 min
 Lab File: VY016871.D
 Acq: 27 Dec 2023 12:39

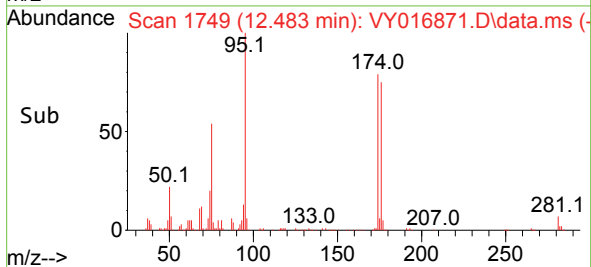
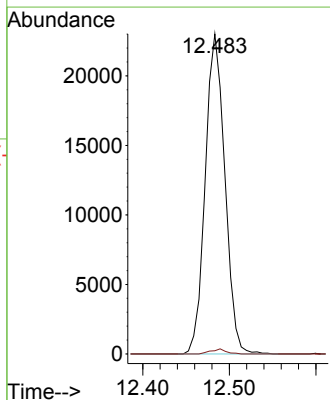
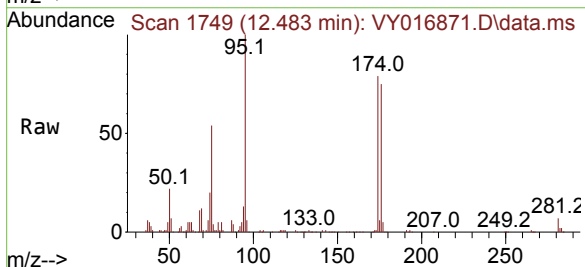
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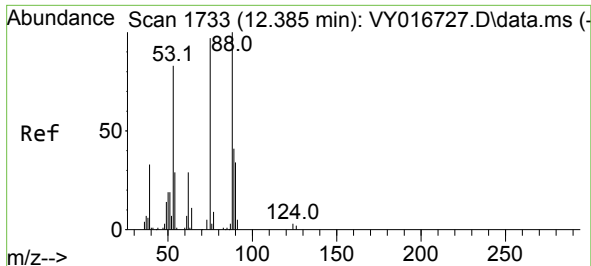
Tgt Ion:152 Resp: 79767
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.0 90.0
 150 159.6 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 41.137 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.158 min
 Lab File: VY016871.D
 Acq: 27 Dec 2023 12:39

Tgt Ion: 75 Resp: 36274
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

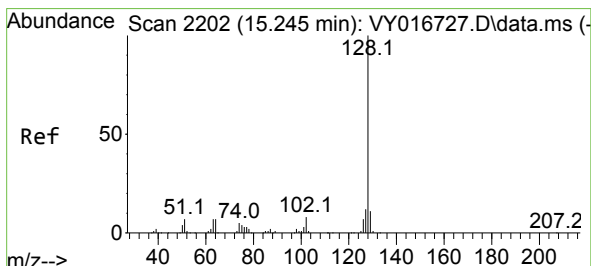
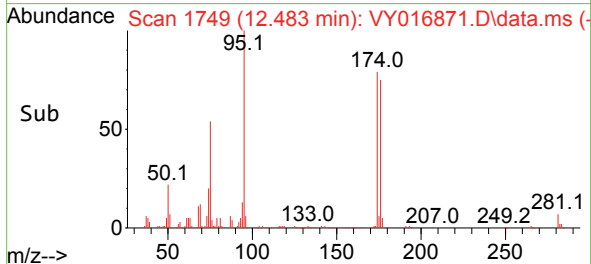
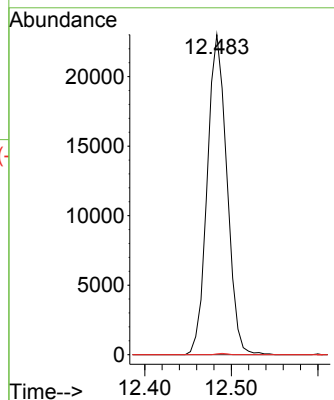
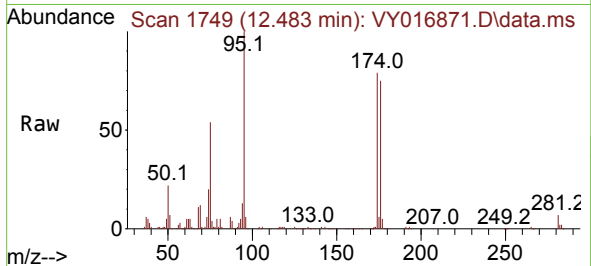




#81
trans-1,4-Dichloro-2-butene
Concen: 96.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT

Tgt Ion: 75 Resp: 36274
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.2 36.5 54.7#



#95
Naphthalene
Concen: 3.656 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion: 128 Resp: 172
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

