

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017194.D
 Acq On : 02 Feb 2024 19:10
 Operator : SY/MD
 Sample : P1295-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024

Quant Time: Feb 02 22:34:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

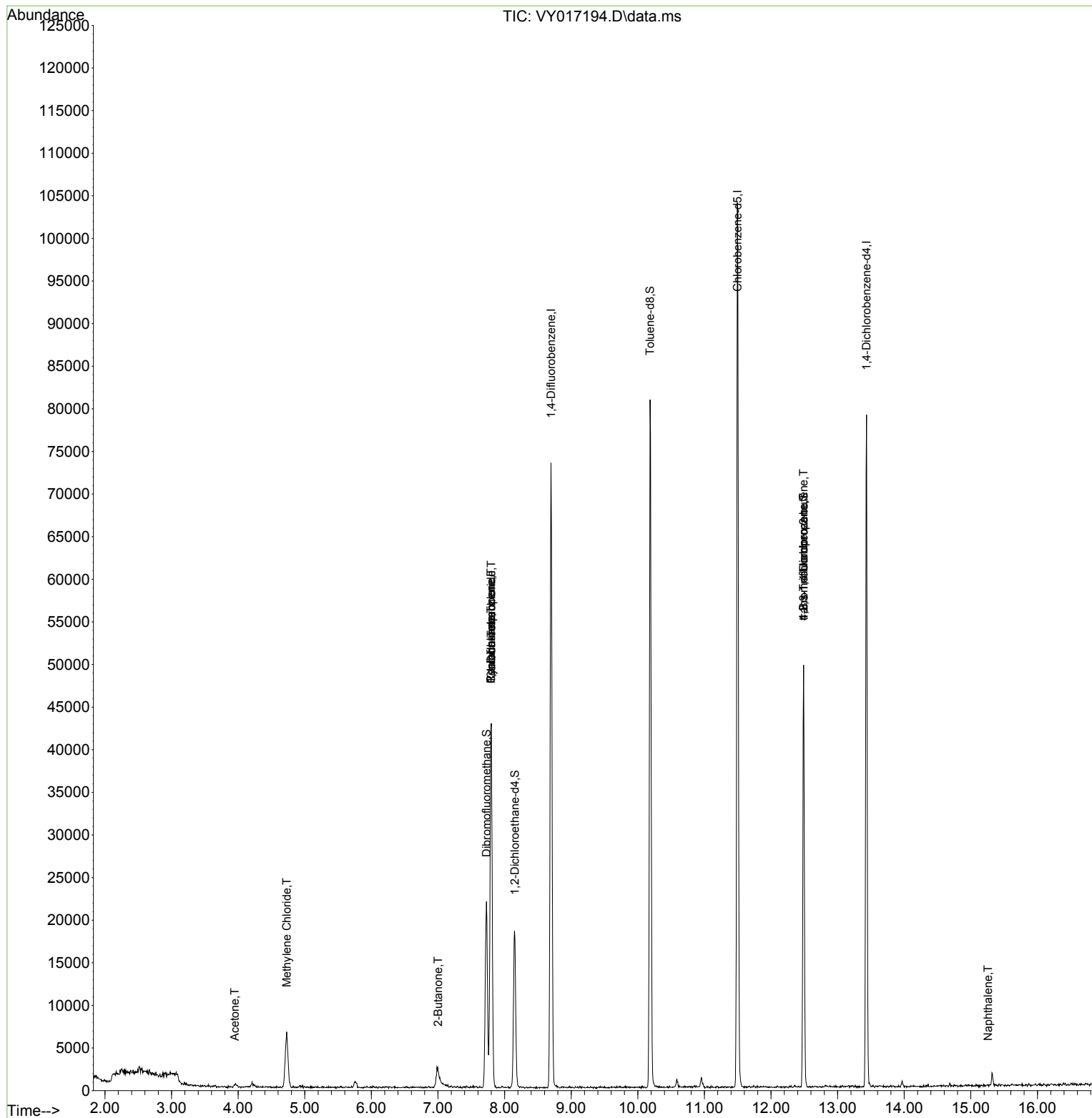
Internal Standards						
1) Pentafluorobenzene	7.795	168	33178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	62165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	57724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	20272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	14418	48.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.300%		
35) Dibromofluoromethane	7.728	113	15893	47.350	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.700%		
50) Toluene-d8	10.185	98	54379	44.497	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.000%		
62) 4-Bromofluorobenzene	12.489	95	15463	38.626	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.260%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	46	Below Cal	#	75
16) Acetone	3.948	43	688	7.898	ug/l #	41
20) Methylene Chloride	4.728	84	4758	10.573	ug/l	93
25) 2-Butanone	7.002	43	162	1.399	ug/l #	48
31) Cyclohexane	7.795	56	821	1.374	ug/l #	30
36) 1,1-Dichloropropene	7.795	75	2877	4.969	ug/l #	46
38) Carbon Tetrachloride	7.801	117	3143	5.670	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	8025	42.890	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	8025	89.119	ug/l #	12
95) Naphthalene	15.257	128	178	3.733	ug/l #	69

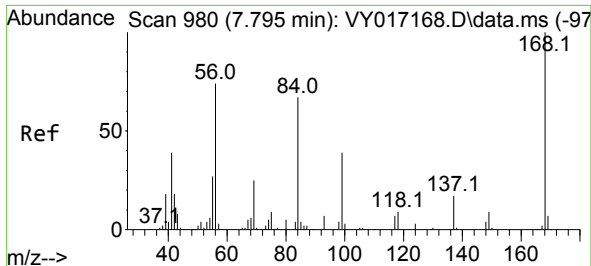
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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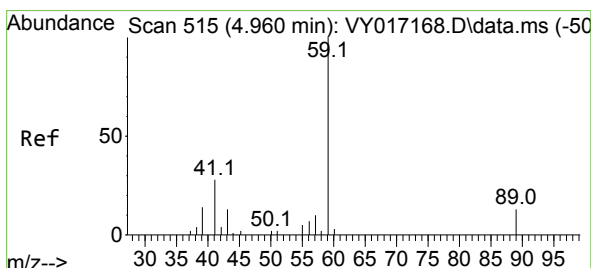
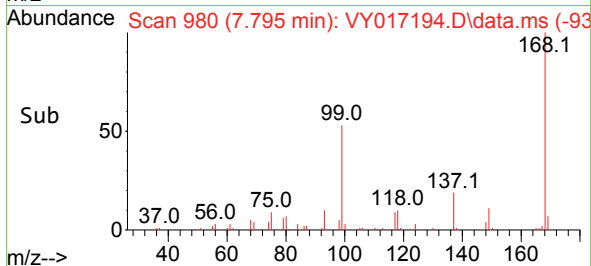
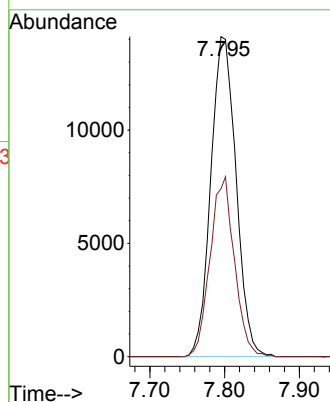
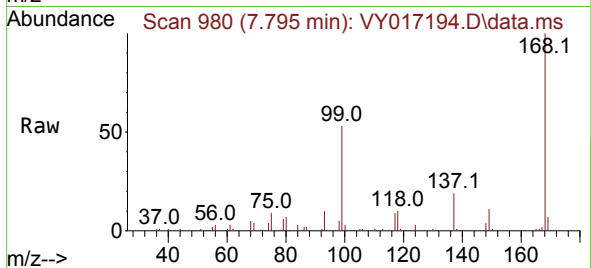




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

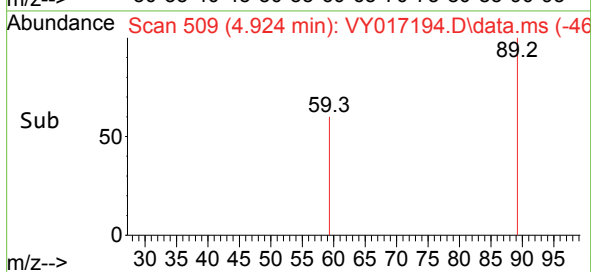
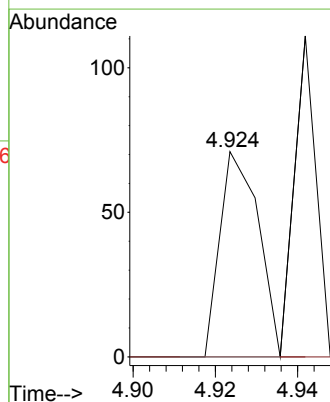
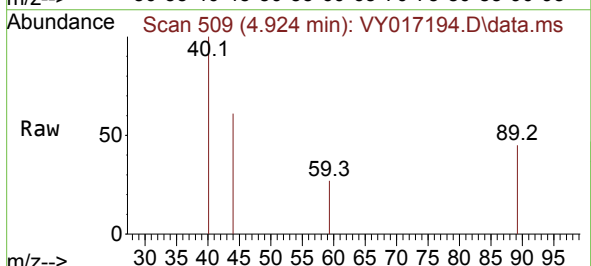
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

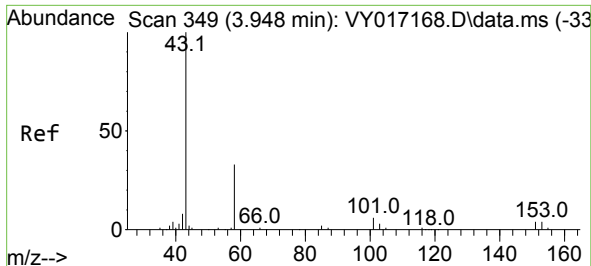
Tgt Ion:168 Resp: 33178
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 7.898 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY017194.D

Acq: 02 Feb 2024 19:10

Instrument :

MSVOA_Y

ClientSampleId :

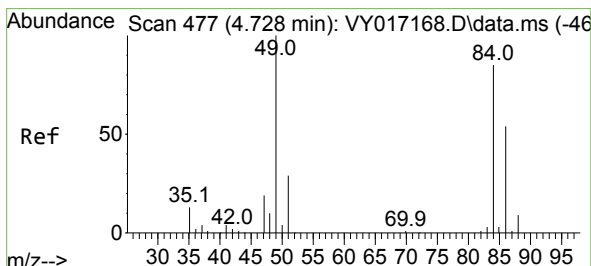
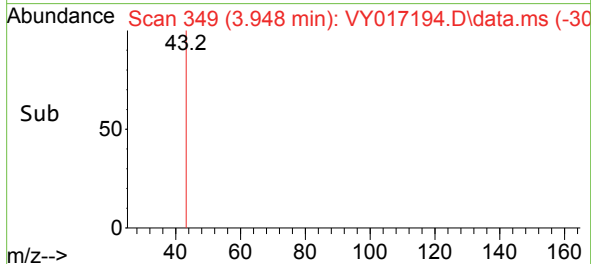
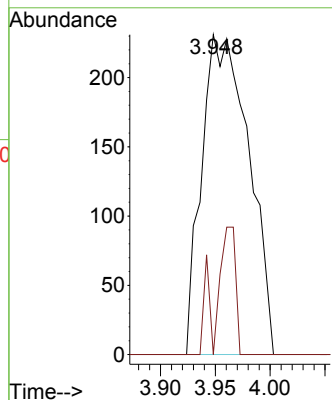
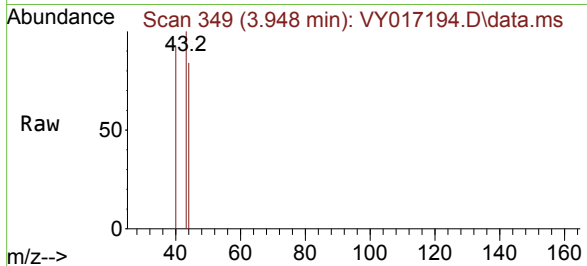
OK-02-013024

Tgt Ion: 43 Resp: 688

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: 10.573 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.000 min

Lab File: VY017194.D

Acq: 02 Feb 2024 19:10

Tgt Ion: 84 Resp: 4758

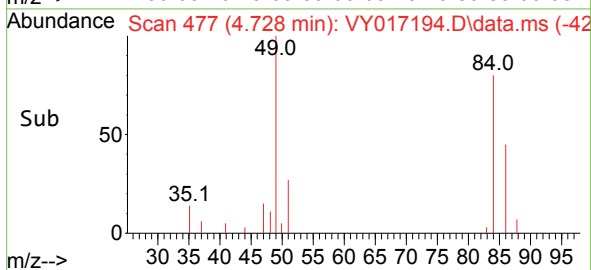
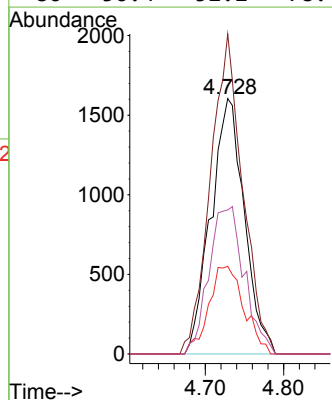
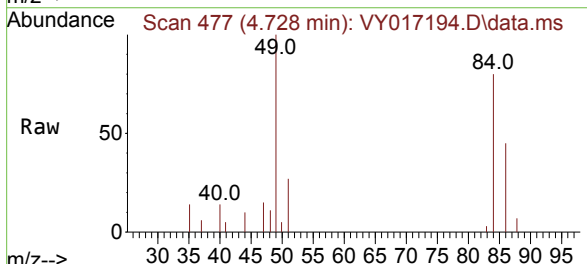
Ion Ratio Lower Upper

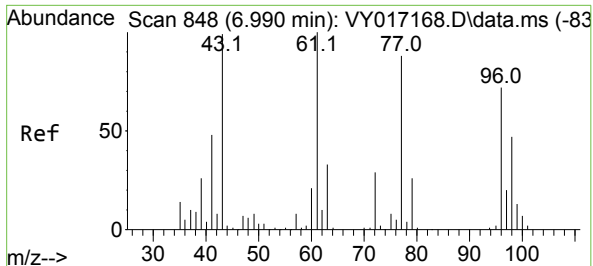
84 100

49 125.3 95.2 142.8

51 34.4 29.9 44.9

86 56.4 52.2 78.4





#25

2-Butanone

Concen: 1.399 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY017194.D

Acq: 02 Feb 2024 19:10

Instrument :

MSVOA_Y

ClientSampleId :

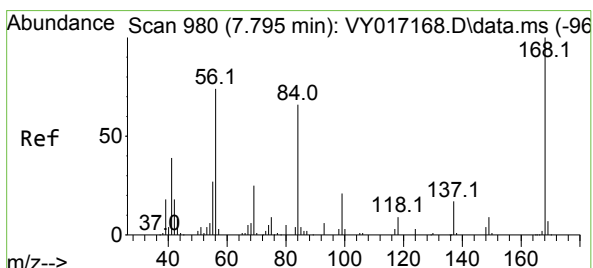
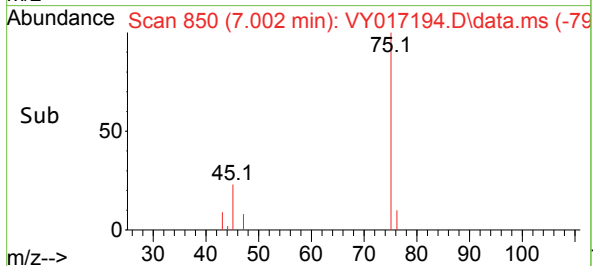
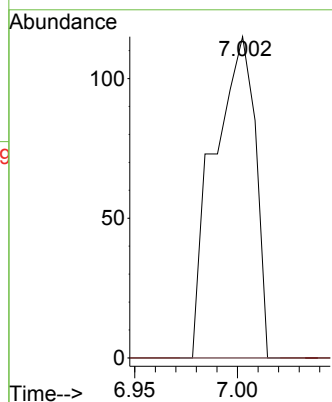
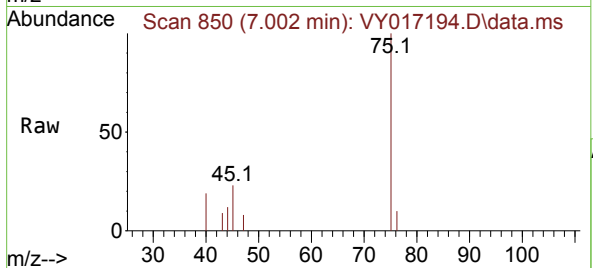
OK-02-013024

Tgt Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.374 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY017194.D

Acq: 02 Feb 2024 19:10

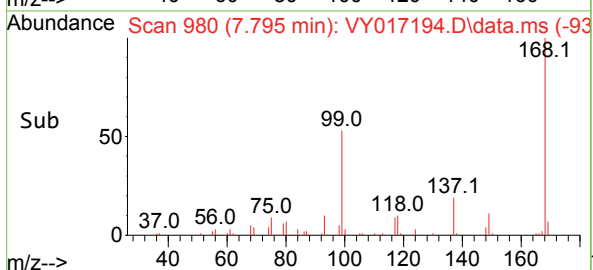
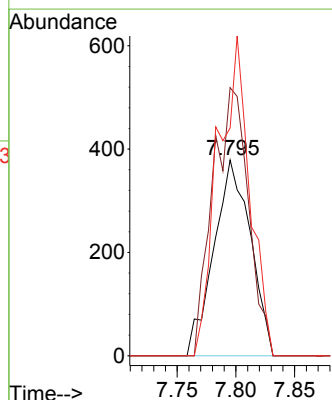
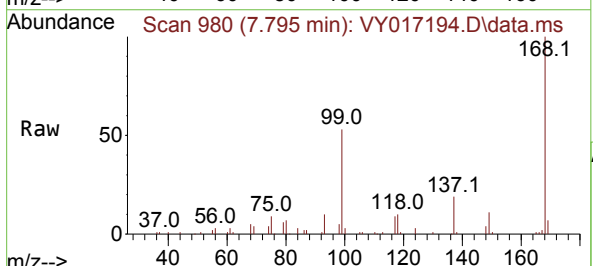
Tgt Ion: 56 Resp: 821

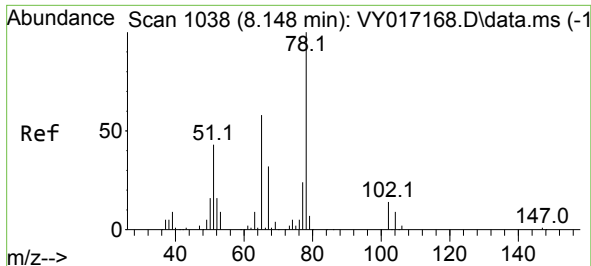
Ion Ratio Lower Upper

56 100

69 136.9 27.0 40.6#

84 116.4 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 48.645 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY017194.D

Acq: 02 Feb 2024 19:10

Instrument :

MSVOA_Y

ClientSampleId :

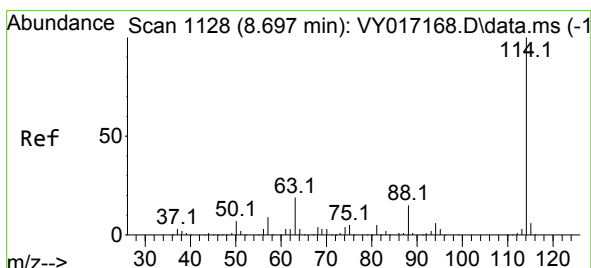
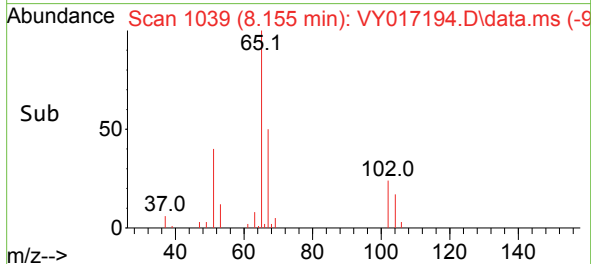
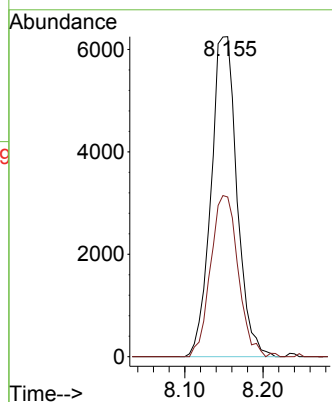
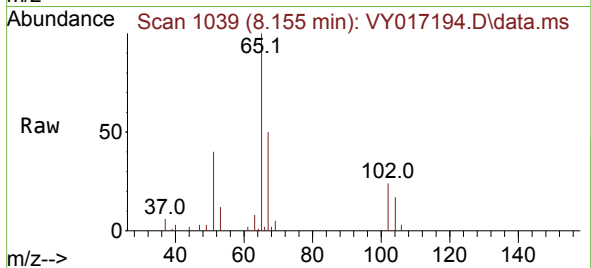
OK-02-013024

Tgt Ion: 65 Resp: 14418

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017194.D

Acq: 02 Feb 2024 19:10

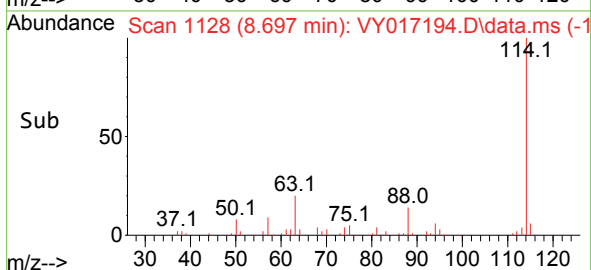
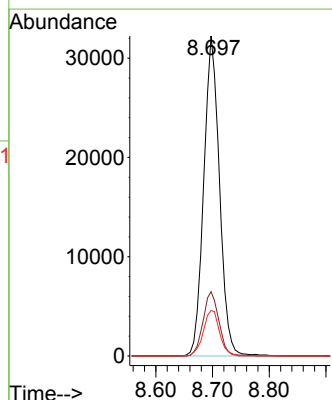
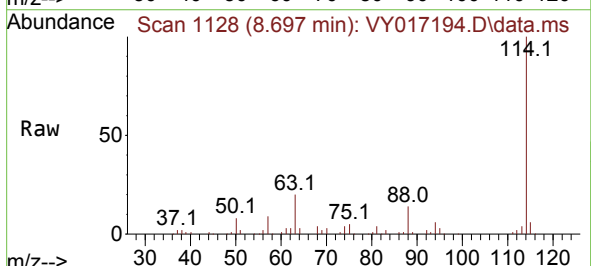
Tgt Ion: 114 Resp: 62165

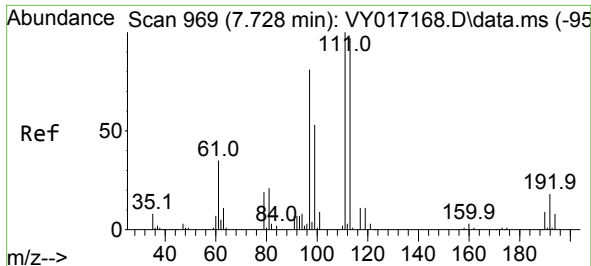
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.2 0.0 29.0

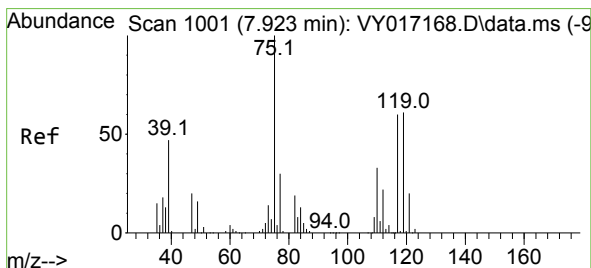
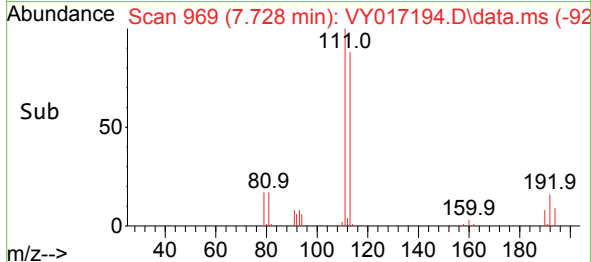
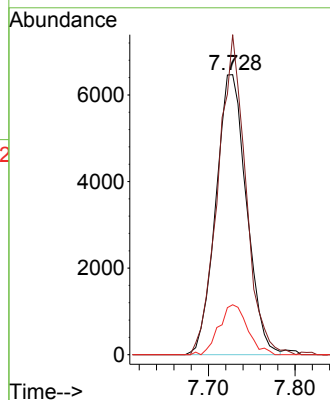
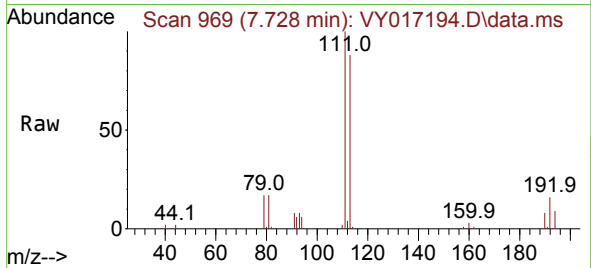




#35
 Dibromofluoromethane
 Concen: 47.350 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY017194.D
 Acq: 02 Feb 2024 19:10

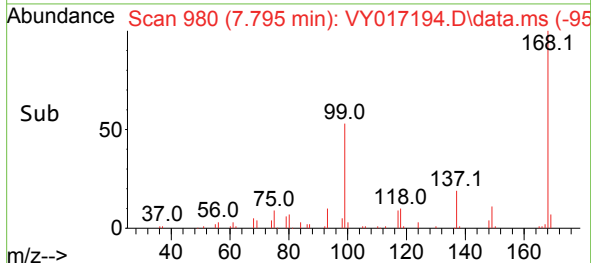
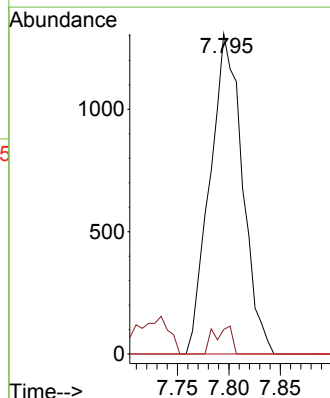
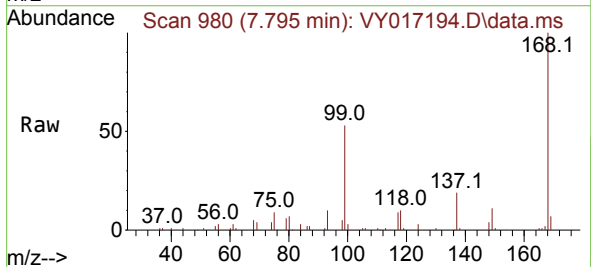
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024

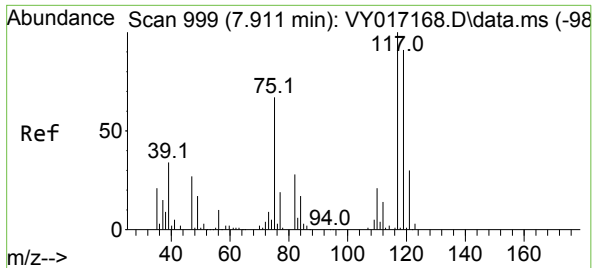
Tgt Ion:113 Resp: 15893
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.8 125.6
 192 16.6 14.5 21.7



#36
 1,1-Dichloropropene
 Concen: 4.969 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY017194.D
 Acq: 02 Feb 2024 19:10

Tgt Ion: 75 Resp: 2877
 Ion Ratio Lower Upper
 75 100
 110 4.8 17.4 52.3#
 77 0.0 24.7 37.1#

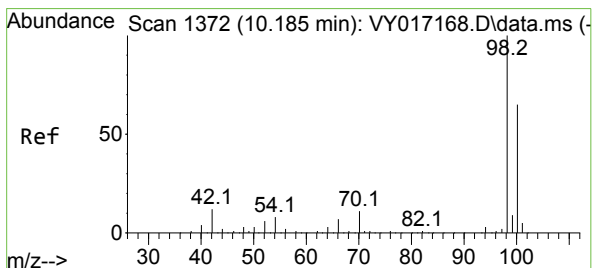
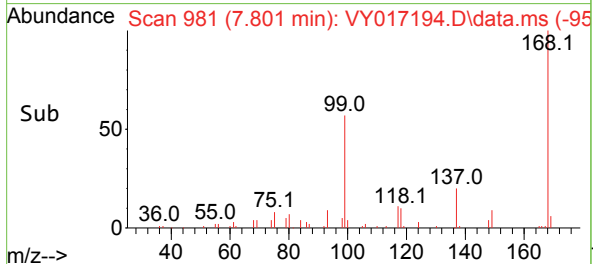
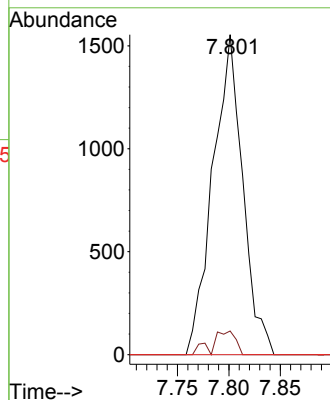
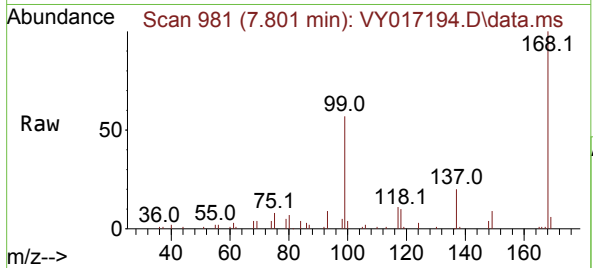




#38
Carbon Tetrachloride
Concen: 5.670 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

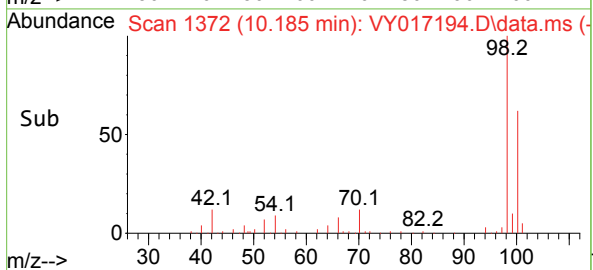
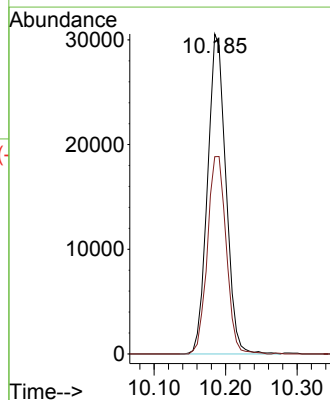
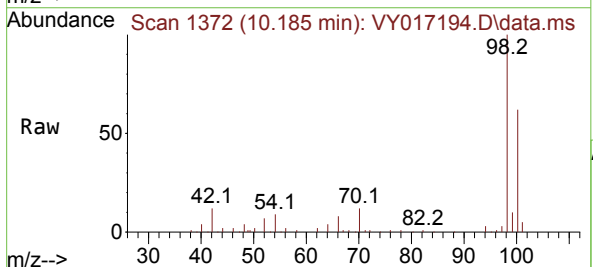
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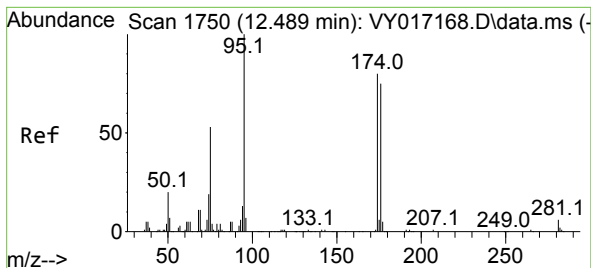
Tgt Ion:117 Resp: 3143
Ion Ratio Lower Upper
117 100
119 7.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.497 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

Tgt Ion: 98 Resp: 54379
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5

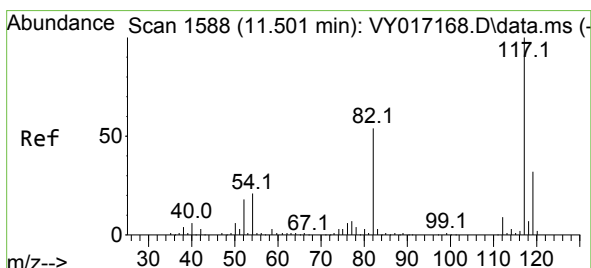
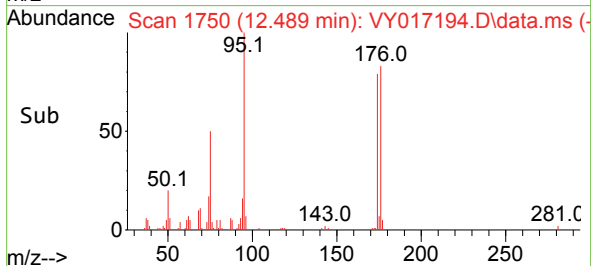
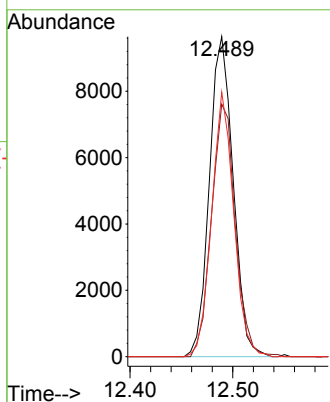
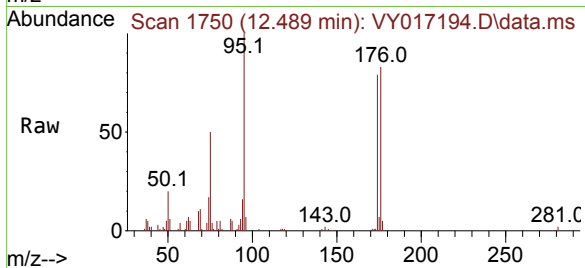




#62
4-Bromofluorobenzene
Concen: 38.626 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

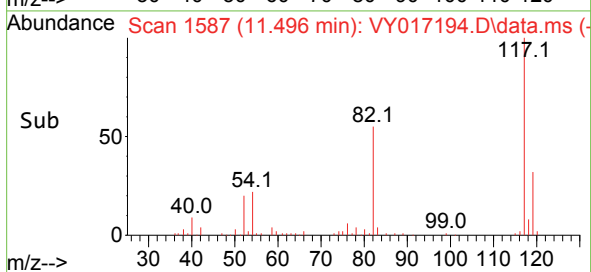
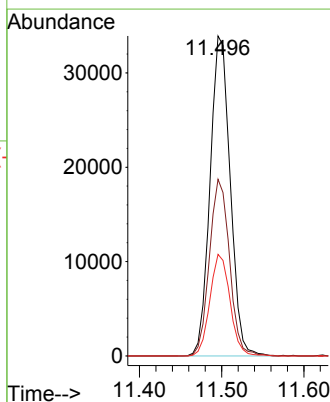
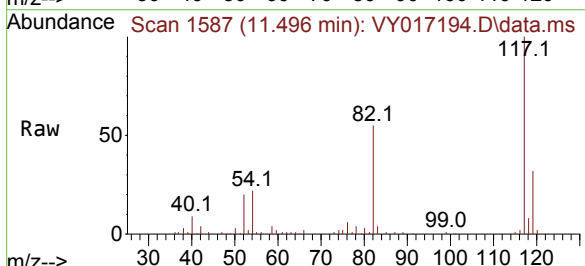
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

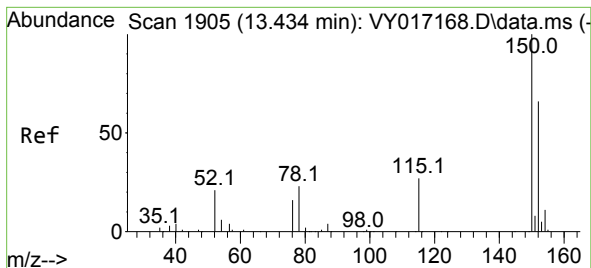
Tgt Ion:	95	Resp:	15463
Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	160.0
176	77.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

Tgt Ion:	117	Resp:	57724
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.8
119	31.8	26.5	39.7

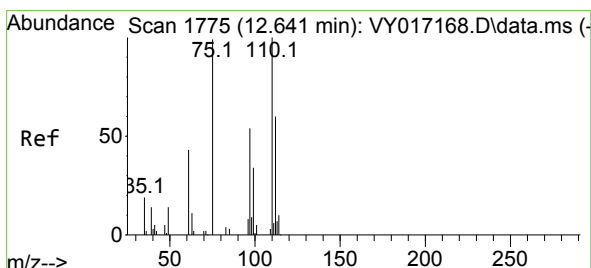
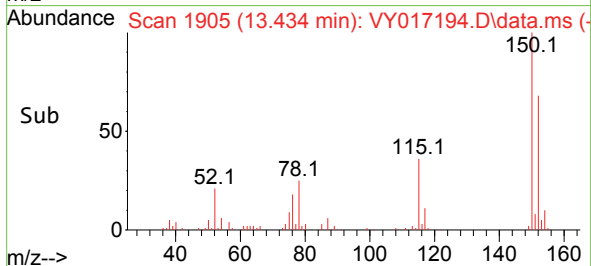
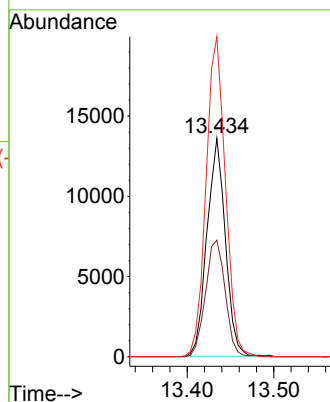
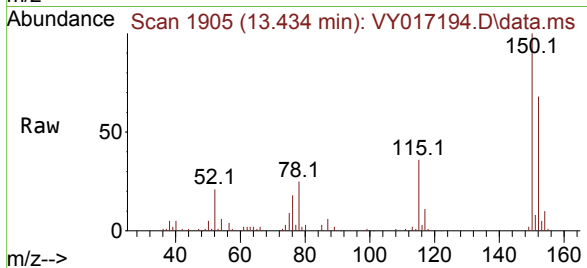




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

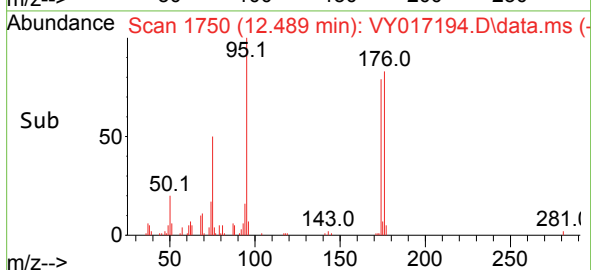
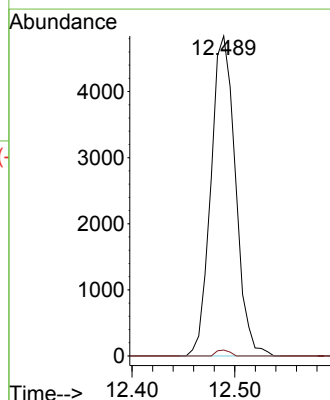
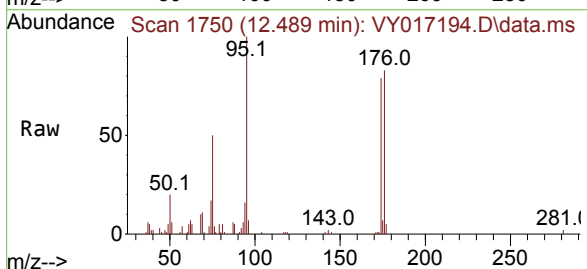
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

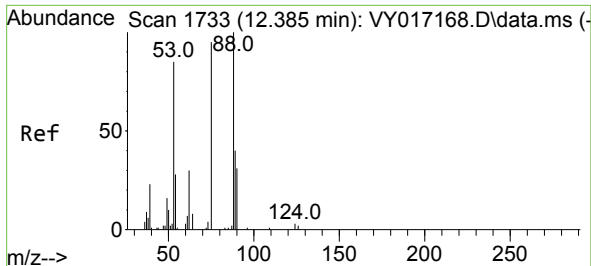
Tgt Ion:152 Resp: 20272
Ion Ratio Lower Upper
152 100
115 56.7 30.0 90.0
150 152.8 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 42.890 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

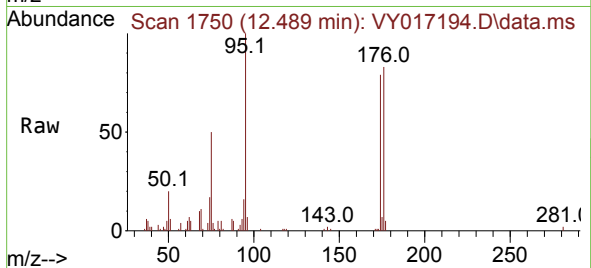
Tgt Ion: 75 Resp: 8025
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



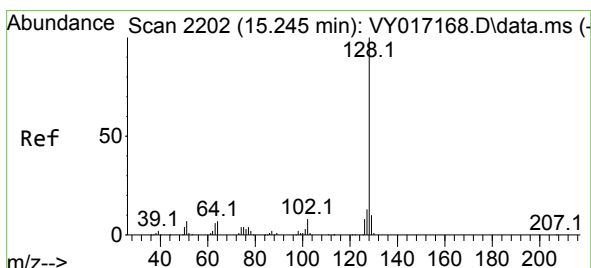
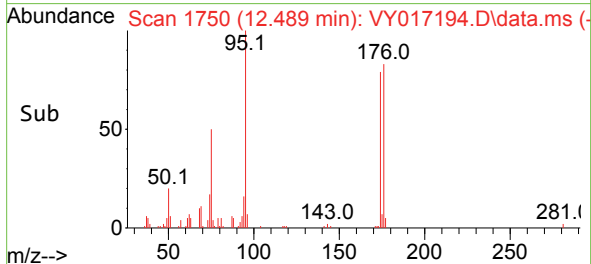
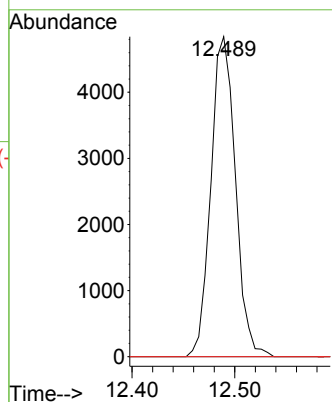


#81
trans-1,4-Dichloro-2-butene
Concen: 89.119 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024



Tgt Ion: 75 Resp: 8025
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.733 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY017194.D
Acq: 02 Feb 2024 19:10

Tgt Ion: 128 Resp: 178
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

