

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012924\
 Data File : VY017127.D
 Acq On : 29 Jan 2024 11:27
 Operator : SY/MD
 Sample : VY0129SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBL01

Quant Time: Jan 30 00:28:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

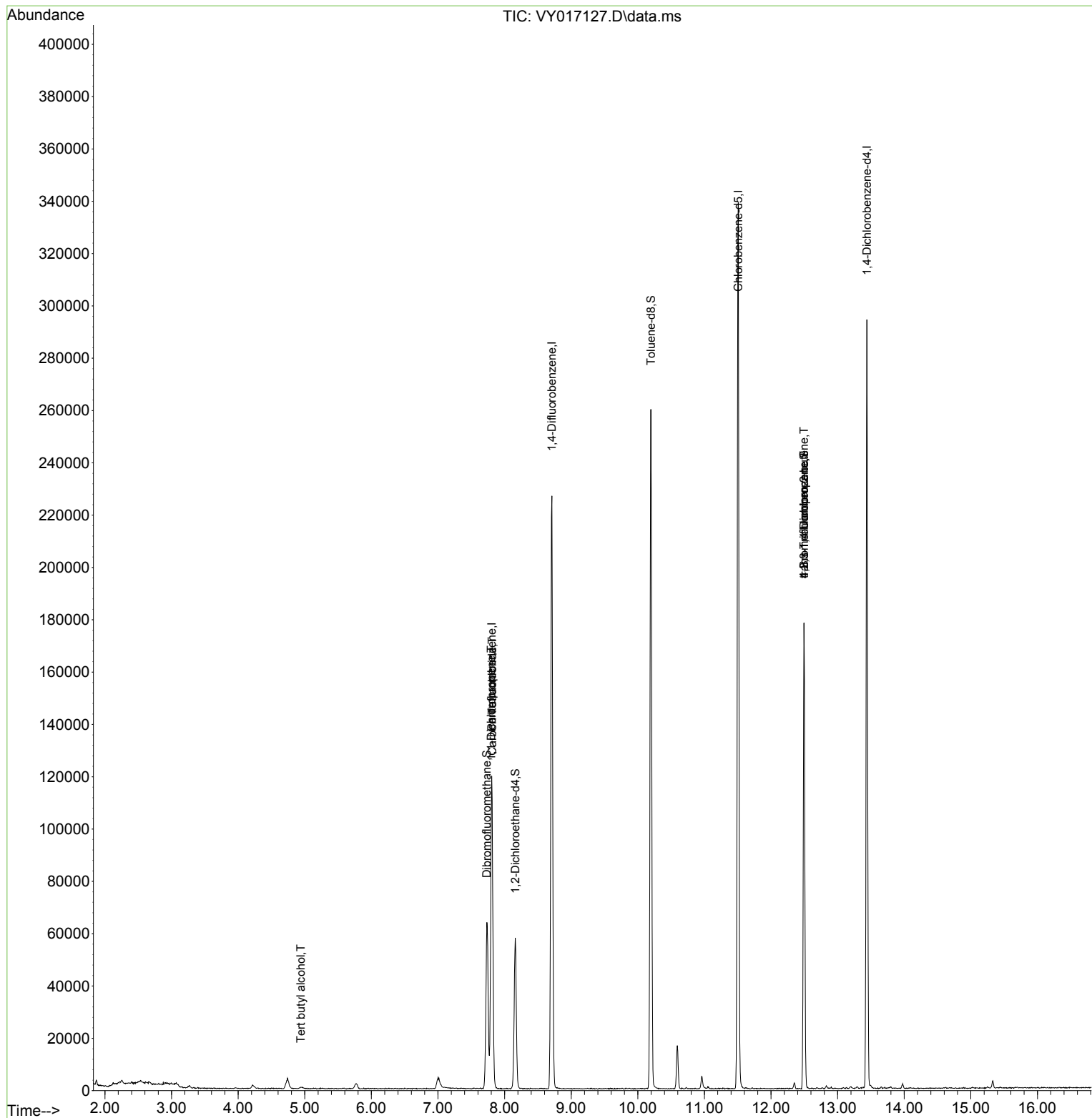
Internal Standards						
1) Pentafluorobenzene	7.807	168	91022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	192651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	187428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	43733	49.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.734	113	46379	39.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.780%
50) Toluene-d8	10.197	98	171245	38.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.980%
62) 4-Bromofluorobenzene	12.495	95	54448	40.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.500%
Target Compounds						
2) Dichlorodifluoromethane	1.912	85	24	Below Cal	#	40
3) Chloromethane	2.119	50	180	Below Cal	#	41
4) Vinyl Chloride	2.266	62	92	Below Cal	#	43
5) Bromomethane	2.668	94	119	Below Cal	#	74
11) Tert butyl alcohol	4.942	59	305	4.422 ug/l	#	75
16) Acetone	3.954	43	333	Below Cal	#	41
20) Methylene Chloride	4.747	84	2981	Below Cal	#	84
25) 2-Butanone	6.990	43	180	Below Cal	#	48
31) Cyclohexane	7.801	56	2101	Below Cal	#	29
36) 1,1-Dichloropropene	7.801	75	7591	3.968 ug/l	#	50
38) Carbon Tetrachloride	7.813	117	9236	4.927 ug/l	#	16
76) 1,2,3-Trichloropropane	12.495	75	28868	33.069 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.495	75	28868	85.612 ug/l	#	12

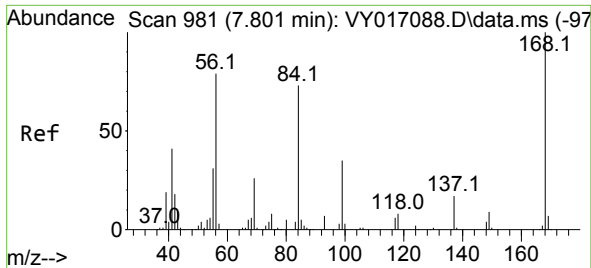
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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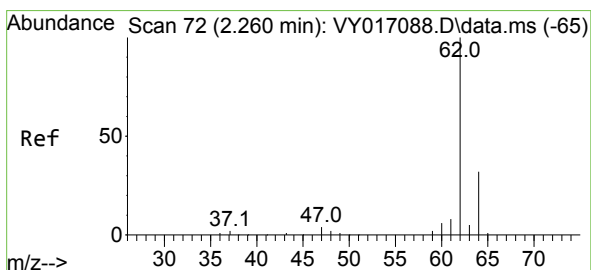
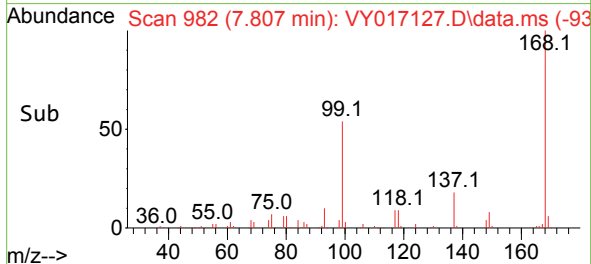
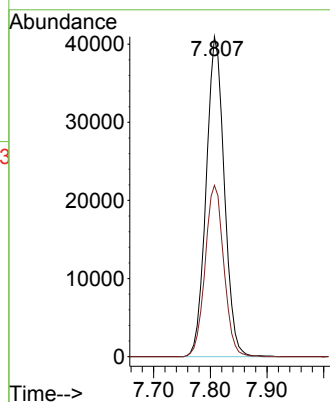
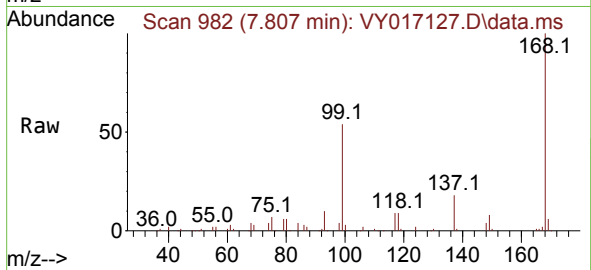




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

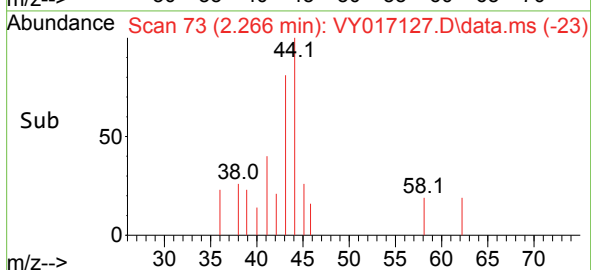
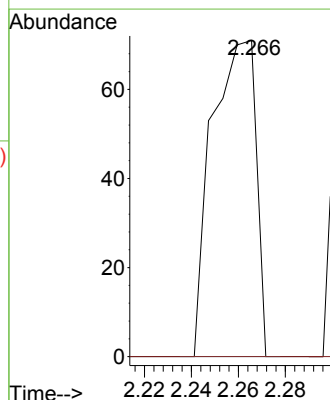
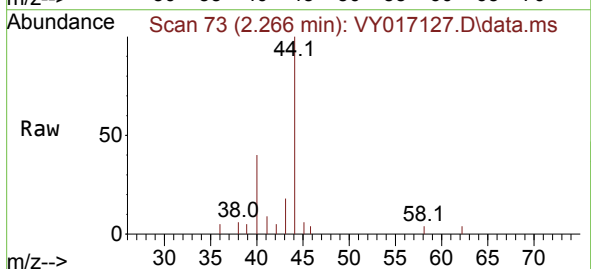
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

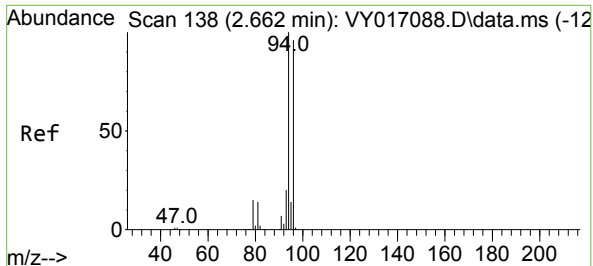
Tgt Ion:168 Resp: 91022
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

Tgt Ion: 62 Resp: 92
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

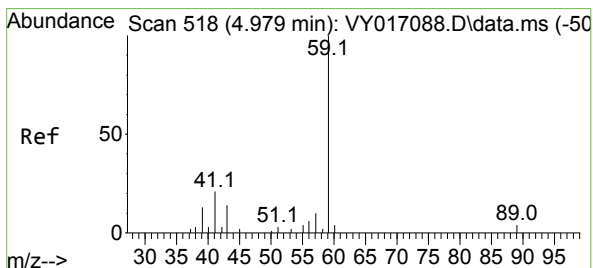
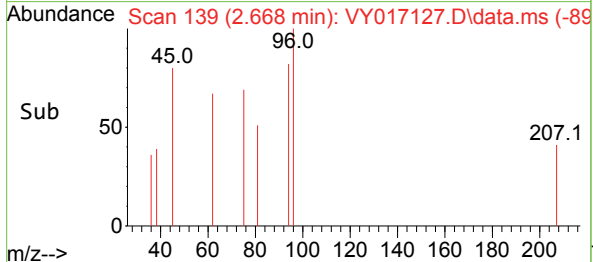
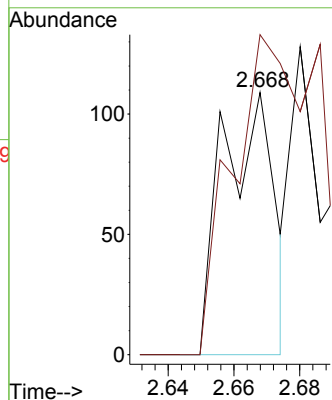
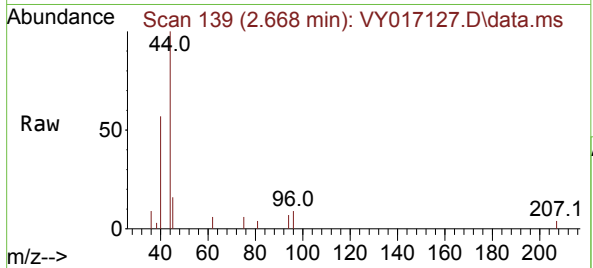




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

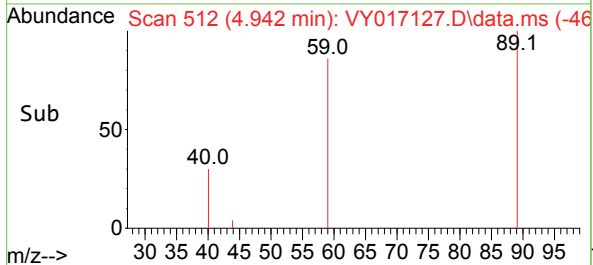
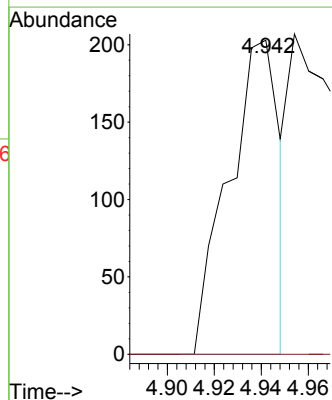
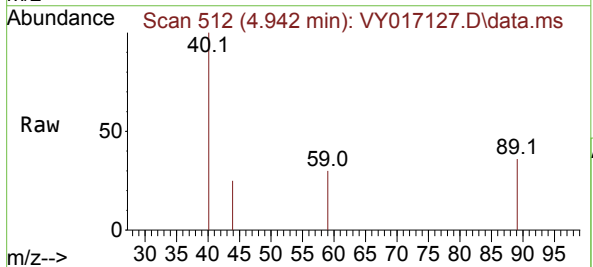
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

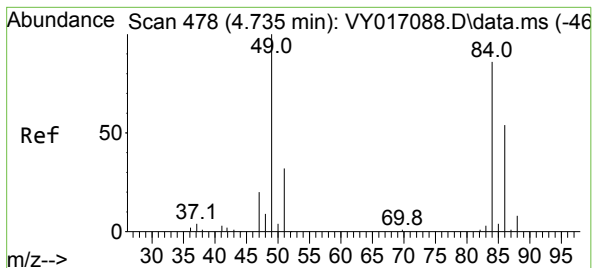
Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
96 122.0 77.3 115.9#



#11
Tert butyl alcohol
Concen: 4.422 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

Tgt Ion: 59 Resp: 305
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.747 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY017127.D

Acq: 29 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBL01

Tgt Ion: 84 Resp: 2981

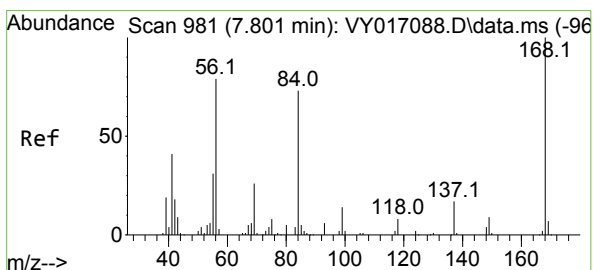
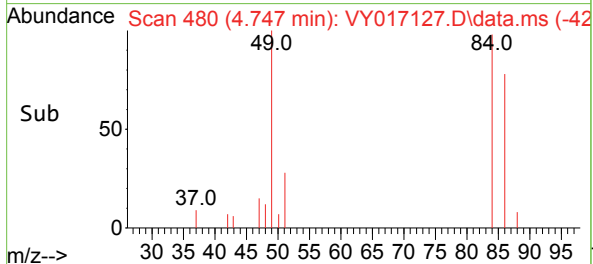
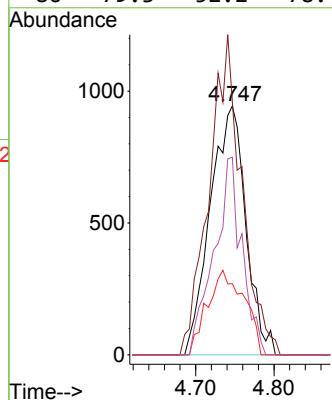
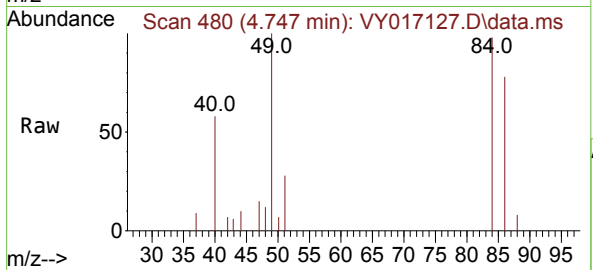
Ion Ratio Lower Upper

84 100

49 101.7 95.2 142.8

51 28.5 29.9 44.9#

86 79.3 52.2 78.4#



#31

Cyclohexane

Concen: Below Cal

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY017127.D

Acq: 29 Jan 2024 11:27

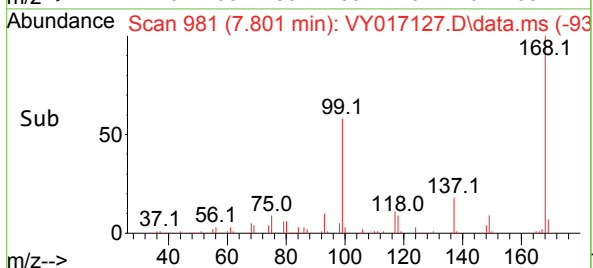
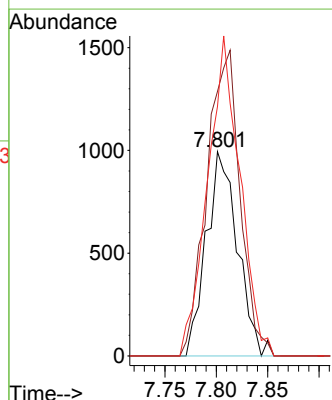
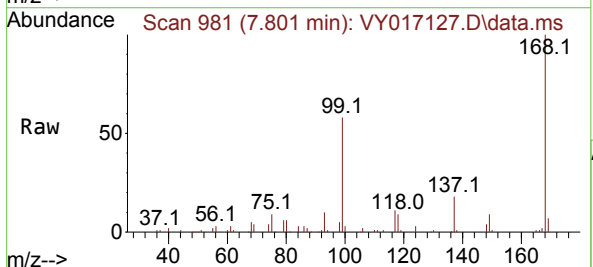
Tgt Ion: 56 Resp: 2101

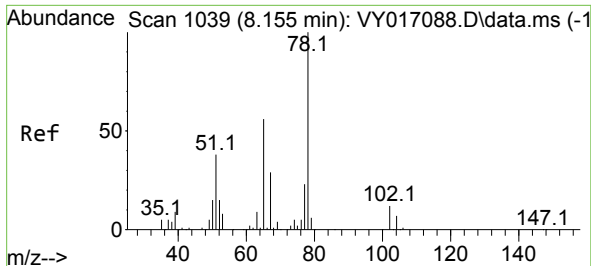
Ion Ratio Lower Upper

56 100

69 129.5 27.0 40.6#

84 122.1 71.8 107.6#

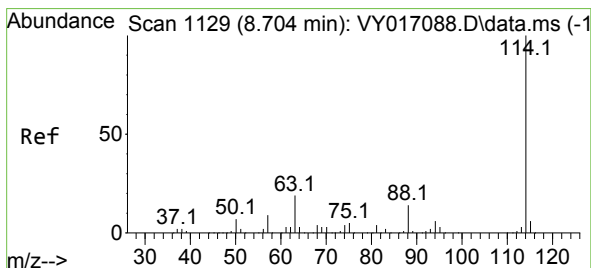
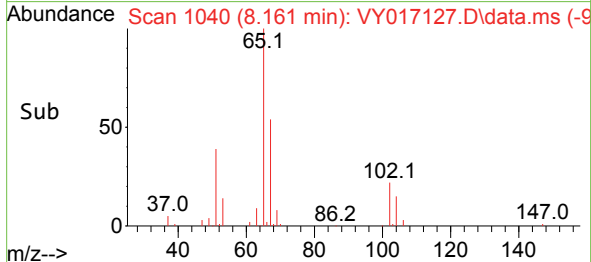
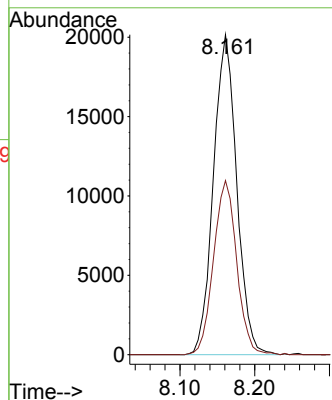
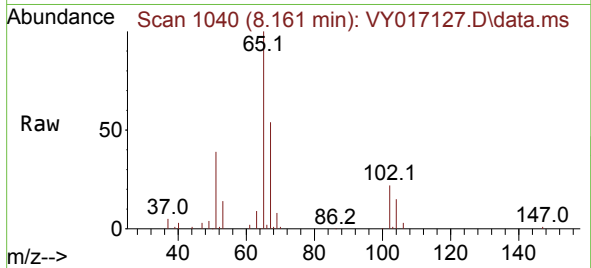




#33
 1,2-Dichloroethane-d4
 Concen: 49.314 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY017127.D
 Acq: 29 Jan 2024 11:27

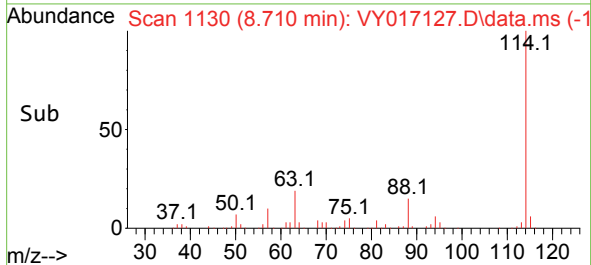
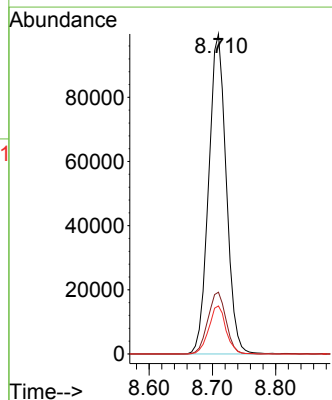
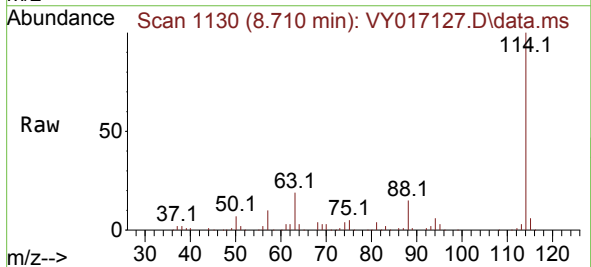
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBL01

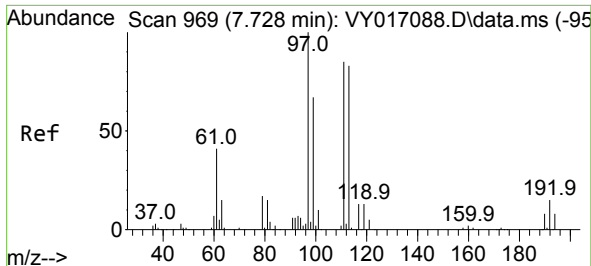
Tgt Ion: 65 Resp: 43733
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.007 min
 Lab File: VY017127.D
 Acq: 29 Jan 2024 11:27

Tgt Ion: 114 Resp: 192651
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 15.0 0.0 29.0

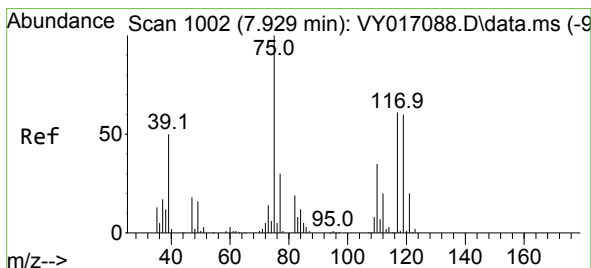
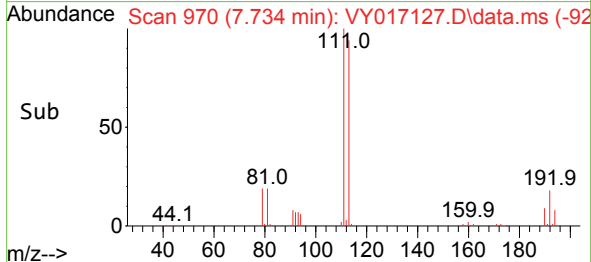
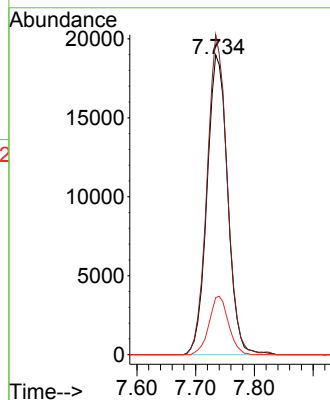
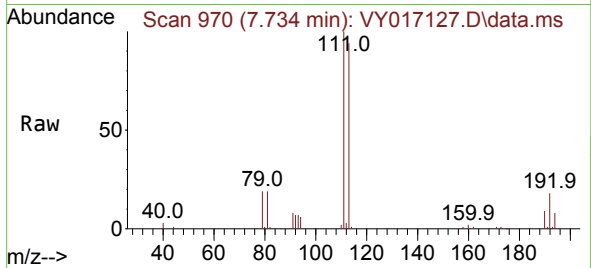




#35
Dibromofluoromethane
Concen: 39.888 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

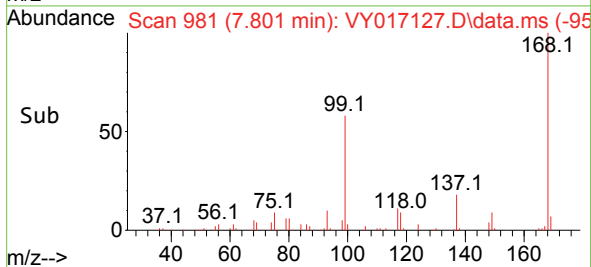
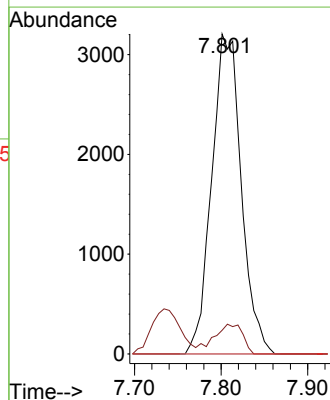
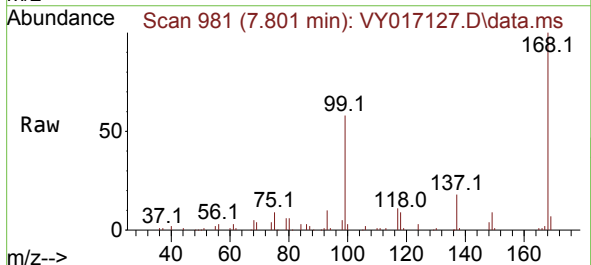
Instrument :
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ClientSampleId :
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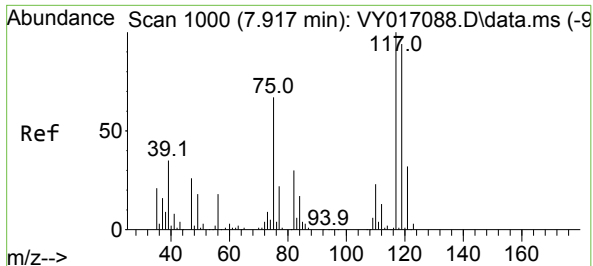
Tgt Ion:113 Resp: 46379
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 3.968 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

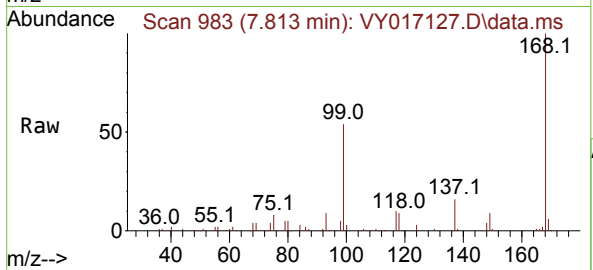
Tgt Ion: 75 Resp: 7591
Ion Ratio Lower Upper
75 100
110 9.1 17.4 52.3#
77 0.0 24.7 37.1#



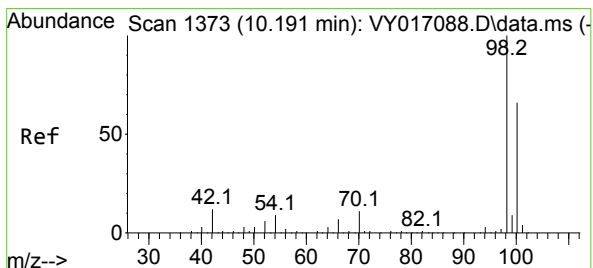
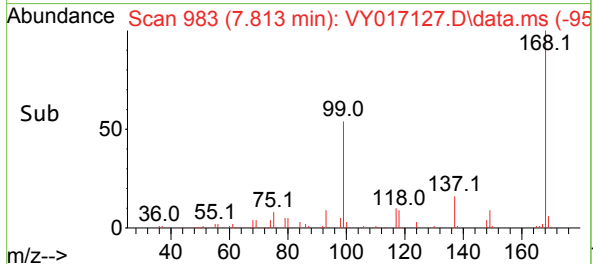
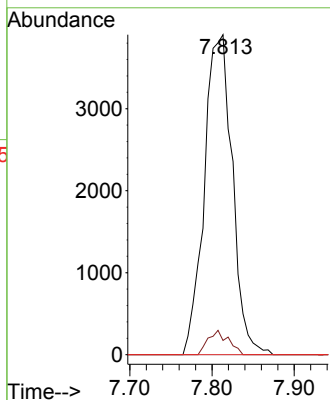


#38
Carbon Tetrachloride
Concen: 4.927 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

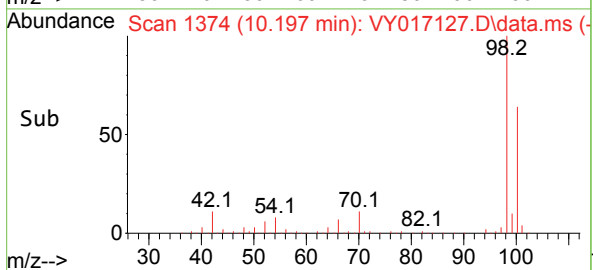
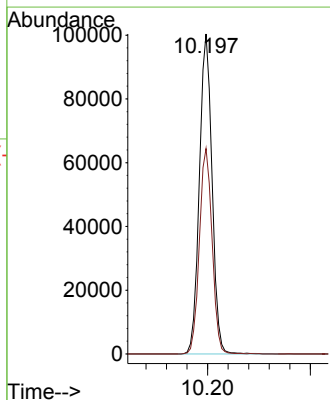
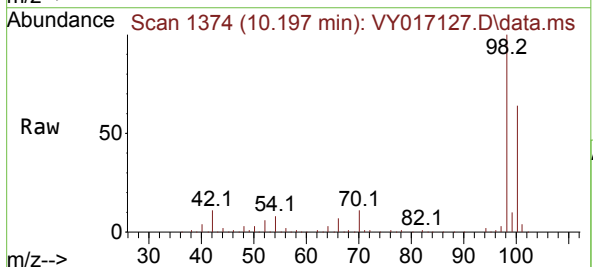


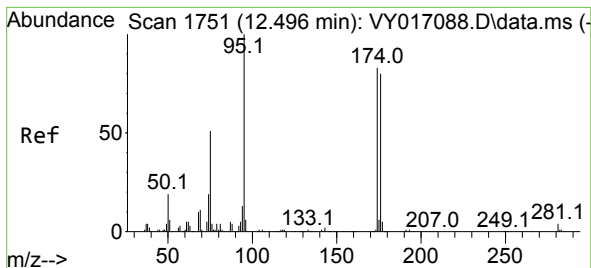
Tgt Ion:117 Resp: 9236
Ion Ratio Lower Upper
117 100
119 4.5 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.993 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

Tgt Ion: 98 Resp: 171245
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

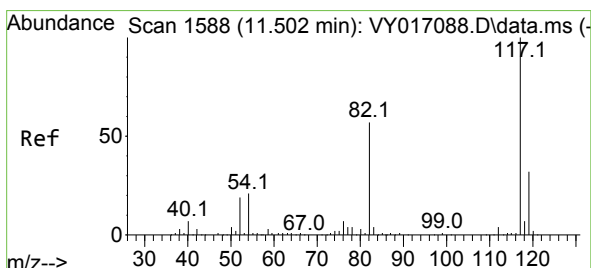
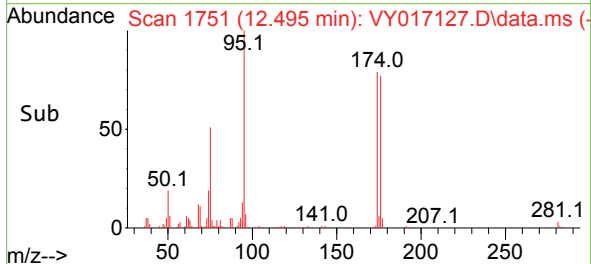
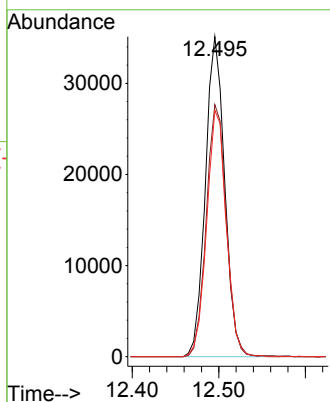
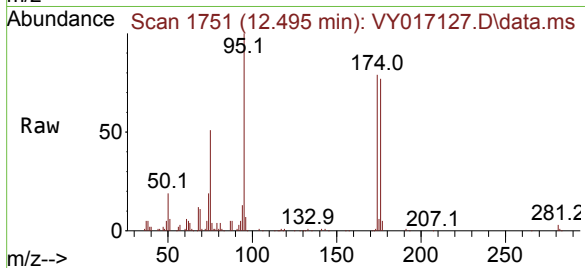




#62
4-Bromofluorobenzene
Concen: 40.246 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

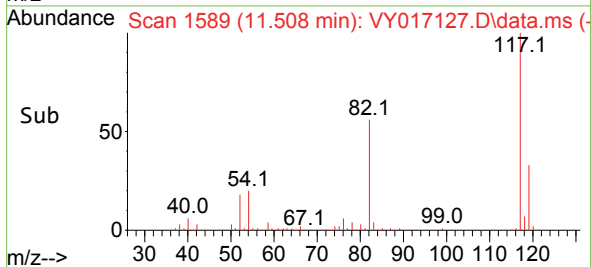
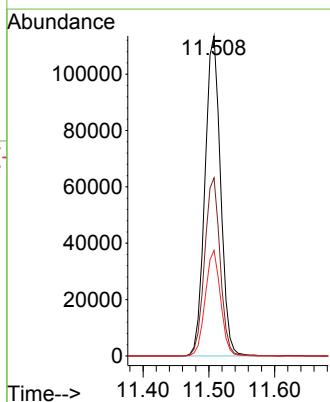
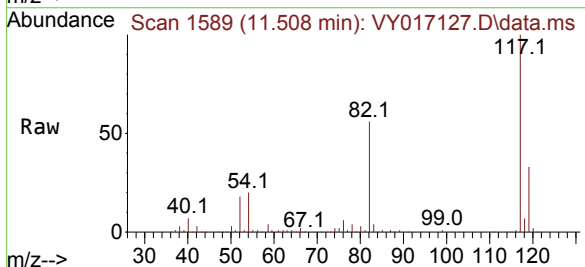
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

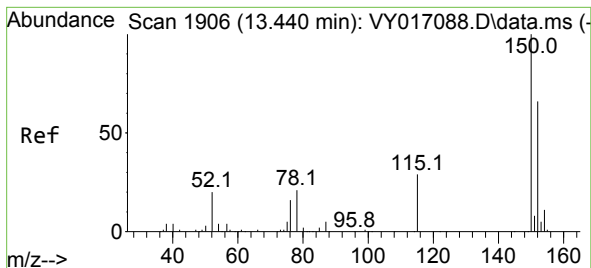
Tgt Ion:	95	Resp:	54448
Ion Ratio	Lower	Upper	
95	100		
174	81.3	0.0	160.0
176	78.1	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017127.D
Acq: 29 Jan 2024 11:27

Tgt Ion:	117	Resp:	187428
Ion Ratio	Lower	Upper	
117	100		
82	55.6	43.8	65.8
119	33.0	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017127.D

Acq: 29 Jan 2024 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBL01

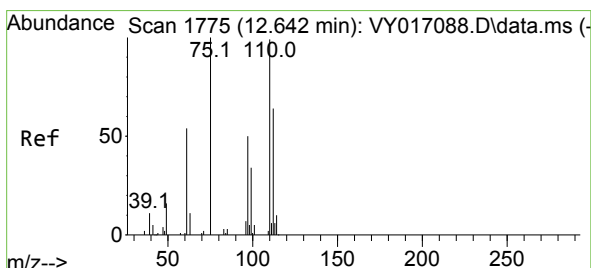
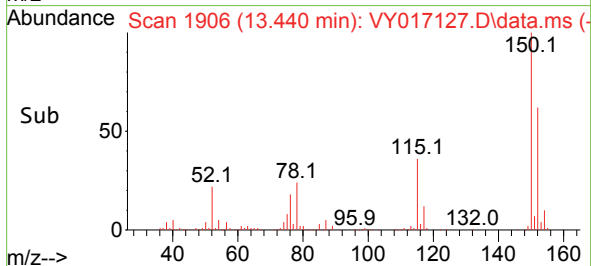
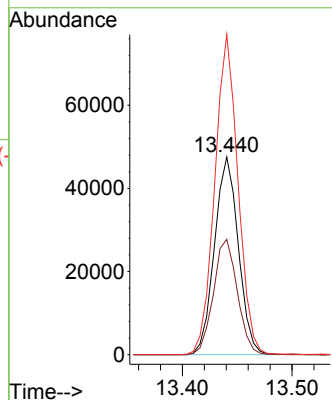
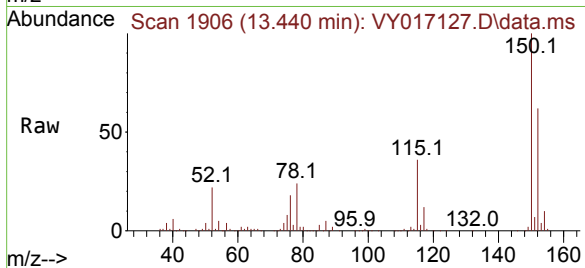
Tgt Ion:152 Resp: 71920

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 157.9 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 33.069 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY017127.D

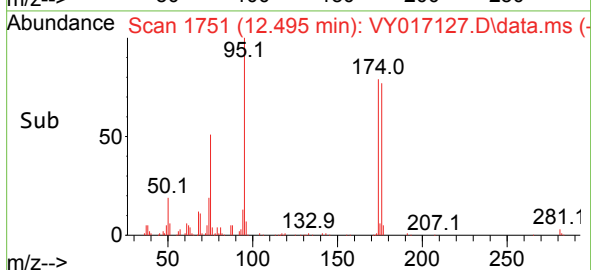
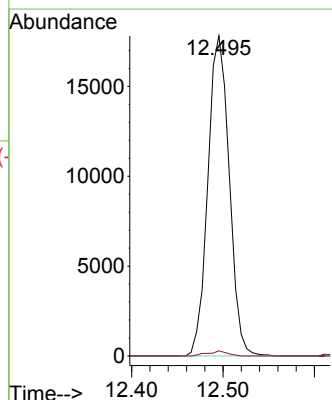
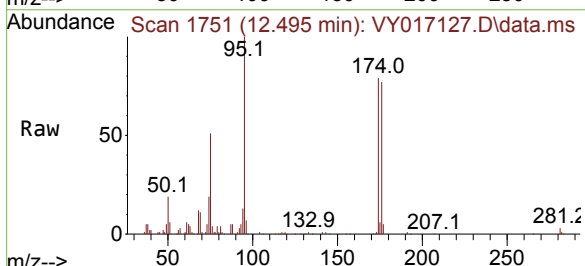
Acq: 29 Jan 2024 11:27

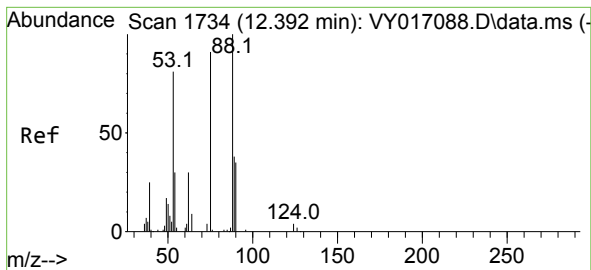
Tgt Ion: 75 Resp: 28868

Ion Ratio Lower Upper

75 100

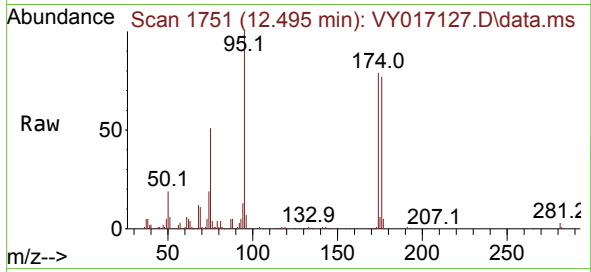
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.612 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY017127.D
 Acq: 29 Jan 2024 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBL01



Tgt Ion: 75 Resp: 28868
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.1 36.5 54.7#

