

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015417.D
 Acq On : 01 Sep 2023 15:54
 Operator : SY/MD
 Sample : 04264-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Quant Time: Sep 01 23:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

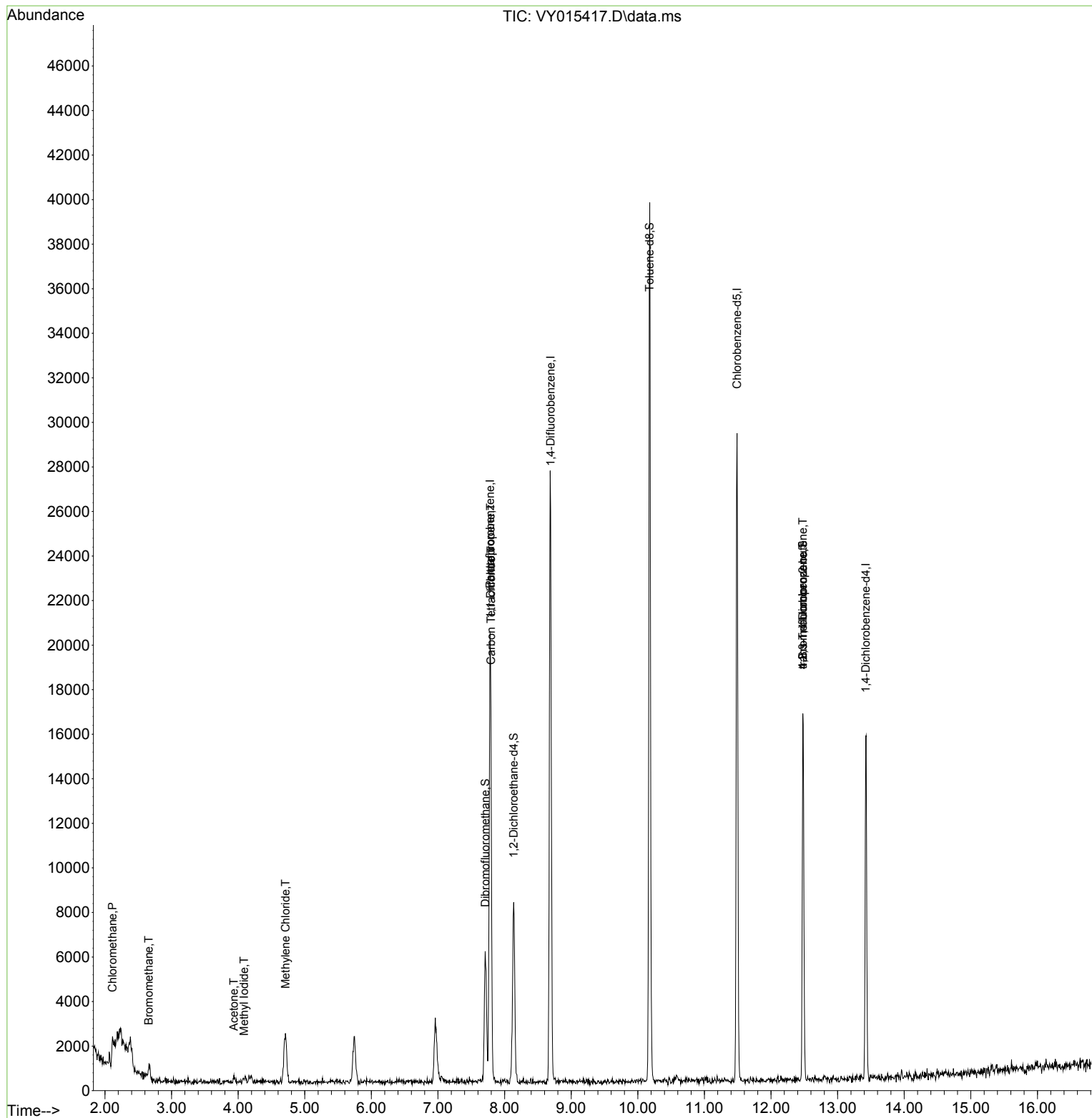
Internal Standards						
1) Pentafluorobenzene	7.783	168	15914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	24487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6409	37.568	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.140%		
35) Dibromofluoromethane	7.710	113	4208	29.836	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	59.680%		
50) Toluene-d8	10.179	98	26119	51.138	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.280%		
62) 4-Bromofluorobenzene	12.477	95	5294	27.920	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	55.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	255	1.388	ug/l #	83
5) Bromomethane	2.656	94	335	2.202	ug/l #	53
10) Methyl Iodide	4.088	142	475	2.413	ug/l #	43
11) Tert butyl alcohol	4.917	59	22	Below Cal	#	89
16) Acetone	3.936	43	365	5.126	ug/l #	46
20) Methylene Chloride	4.710	84	1764	1.856	ug/l	88
36) 1,1-Dichloropropene	7.789	75	1265	5.108	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1649	6.447	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	2773	47.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2773	103.984	ug/l #	10

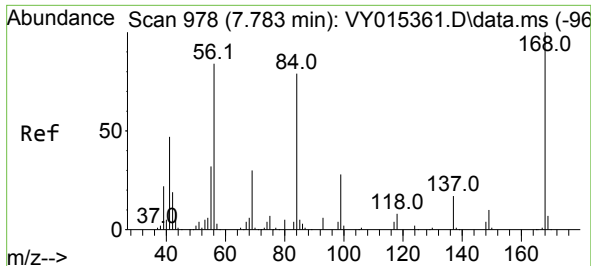
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VNJ-206

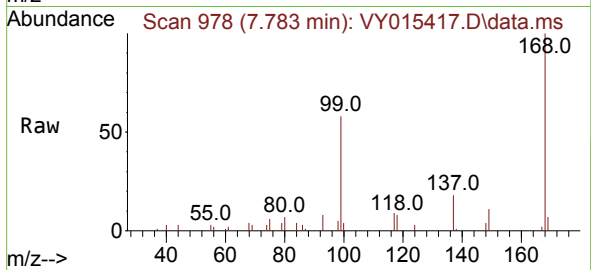
Quant Time: Sep 01 23:42:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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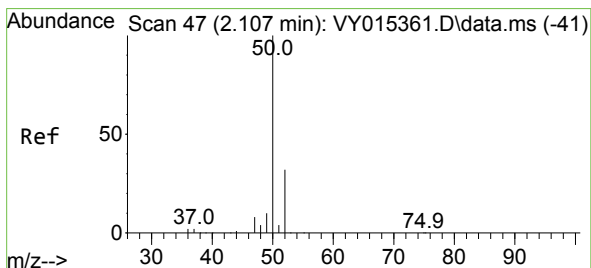
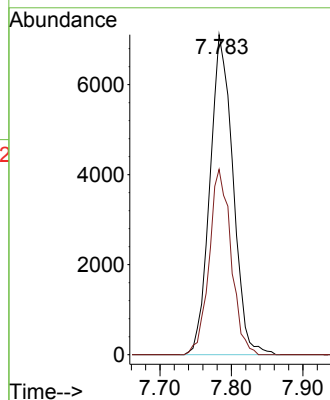
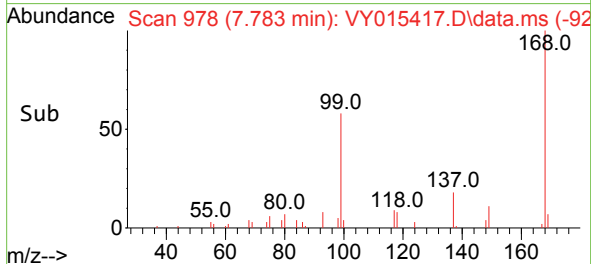


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

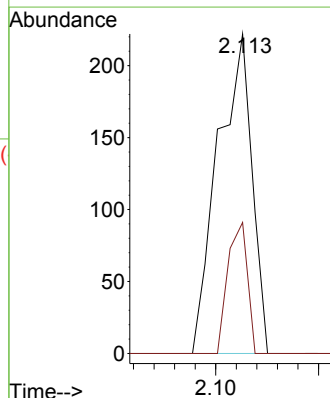
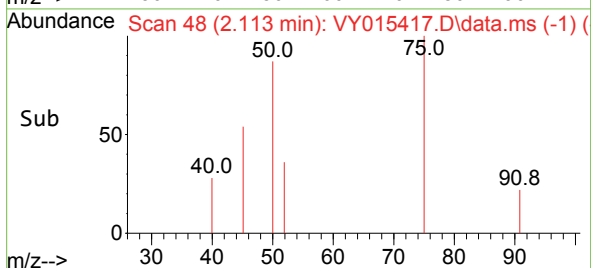
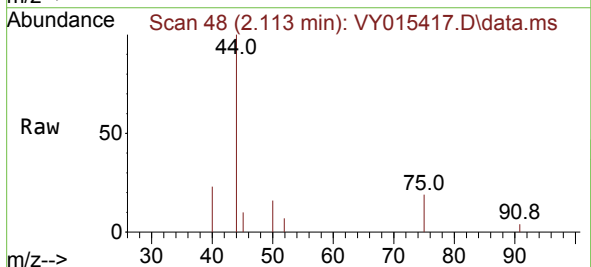


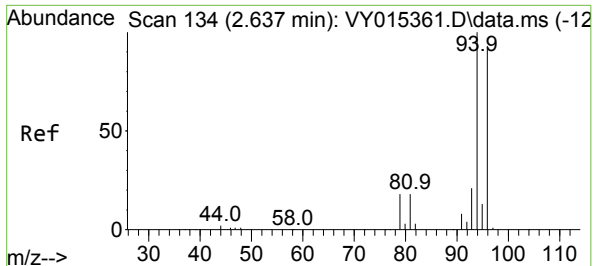
Tgt Ion:168 Resp: 15914
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#3
Chloromethane
Concen: 1.388 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 41.0 25.4 38.2#





#5

Bromomethane

Concen: 2.202 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

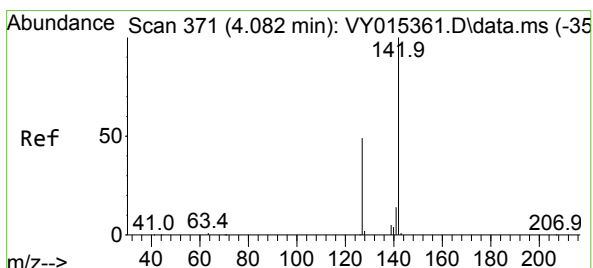
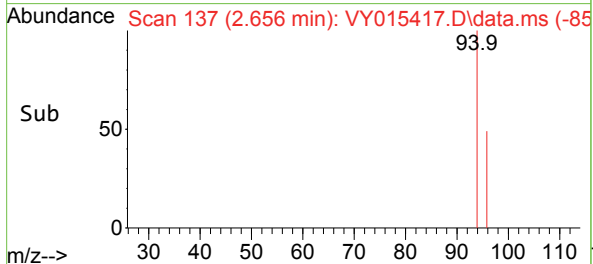
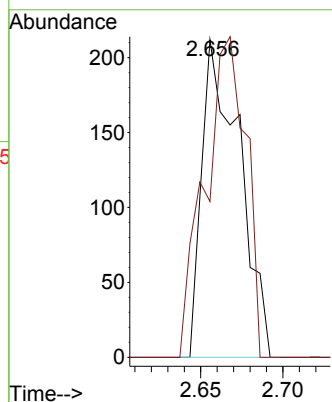
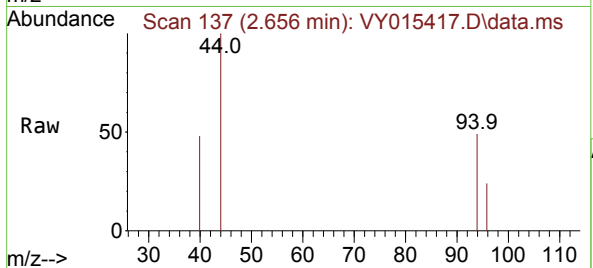
VNJ-206

Tgt Ion: 94 Resp: 335

Ion Ratio Lower Upper

94 100

96 49.1 75.8 113.6#



#10

Methyl Iodide

Concen: 2.413 ug/l

RT: 4.088 min Scan# 372

Delta R.T. 0.006 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

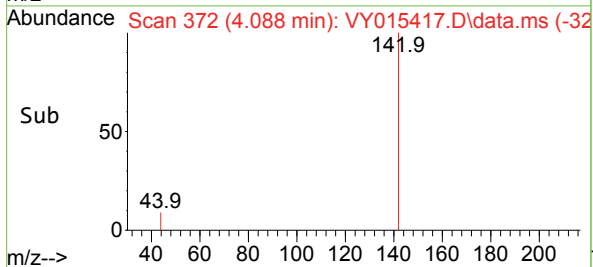
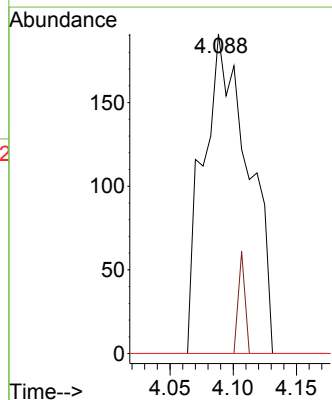
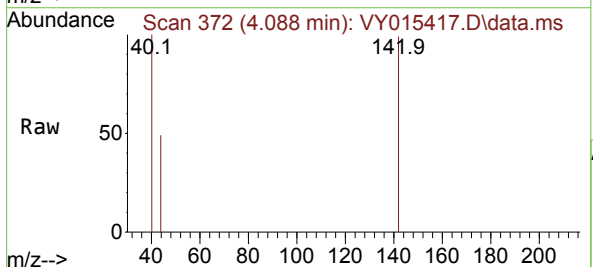
Tgt Ion:142 Resp: 475

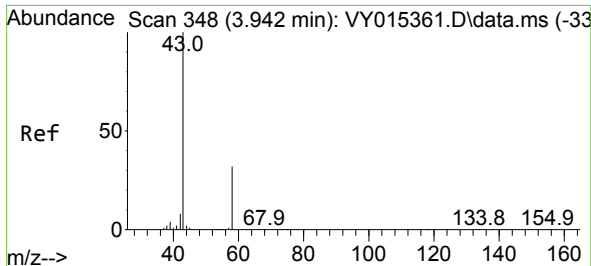
Ion Ratio Lower Upper

142 100

127 4.6 37.6 56.4#

141 0.0 11.8 17.8#





#16

Acetone

Concen: 5.126 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

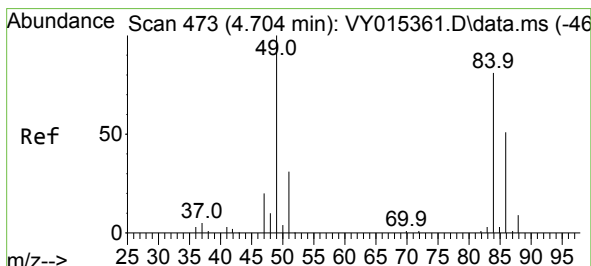
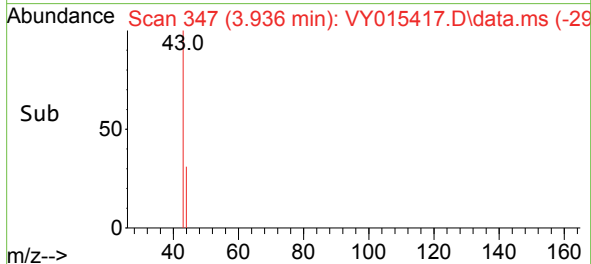
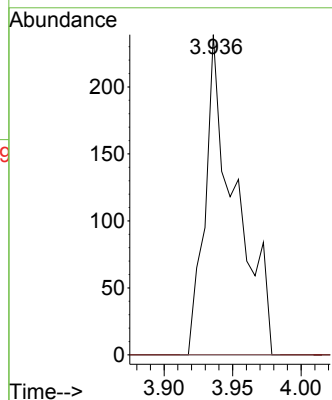
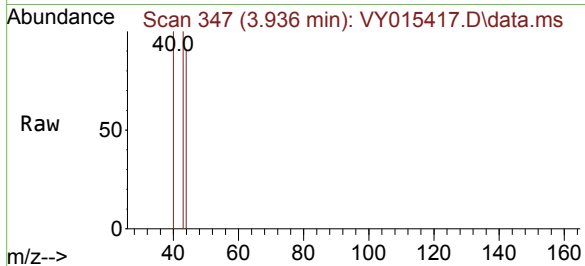
VNJ-206

Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#20

Methylene Chloride

Concen: 1.856 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

Tgt Ion: 84 Resp: 1764

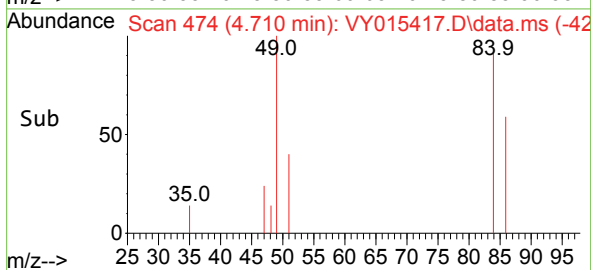
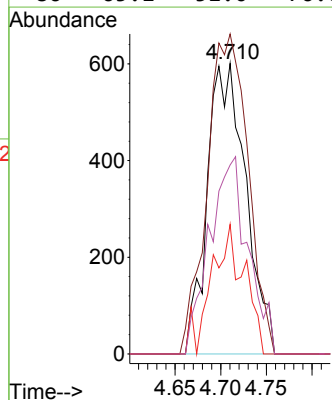
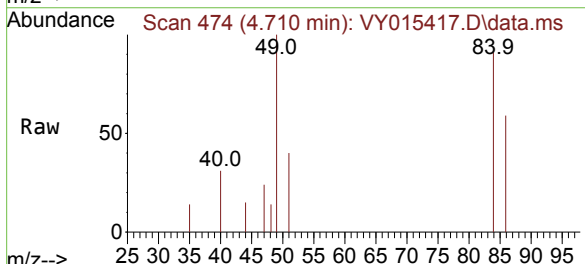
Ion Ratio Lower Upper

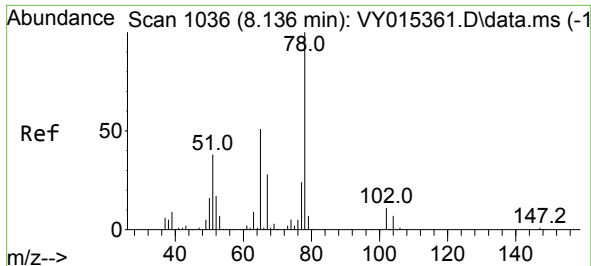
84 100

49 110.1 106.9 160.3

51 44.6 33.2 49.8

86 65.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 37.568 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

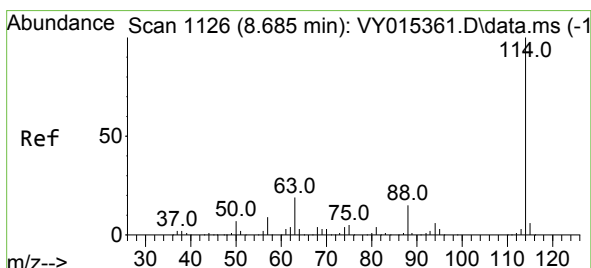
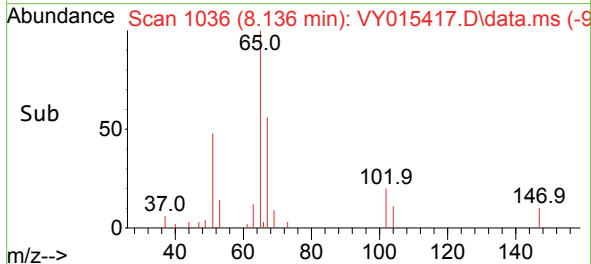
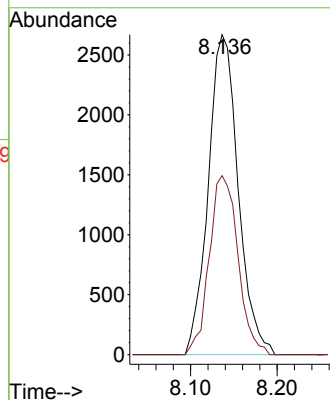
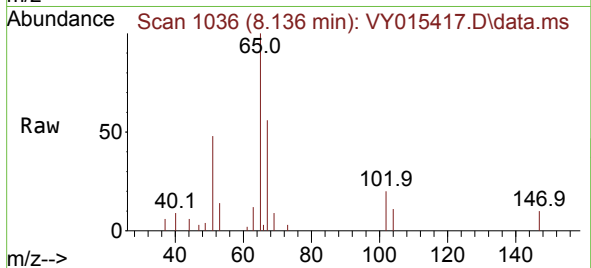
VNJ-206

Tgt Ion: 65 Resp: 6409

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

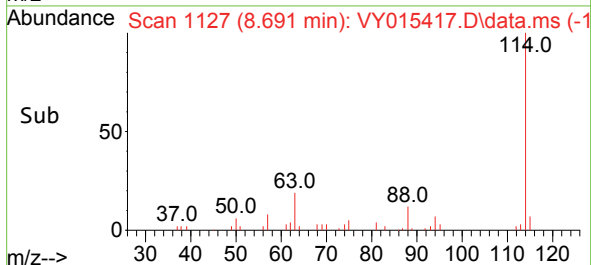
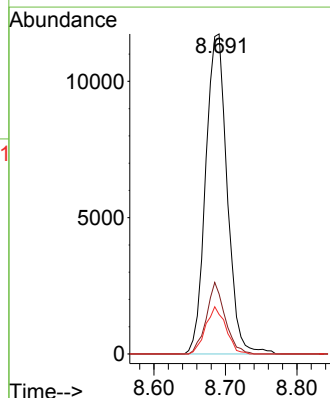
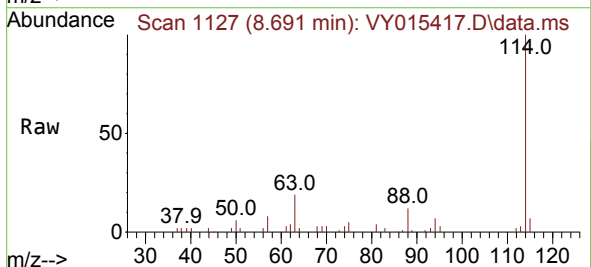
Tgt Ion: 114 Resp: 24487

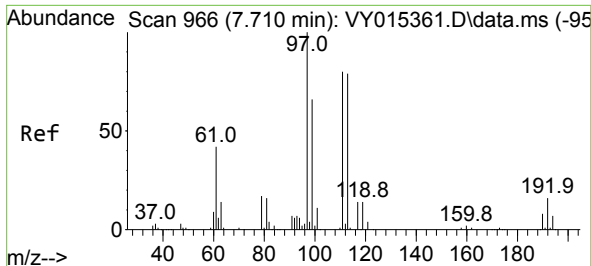
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 12.4 0.0 30.6

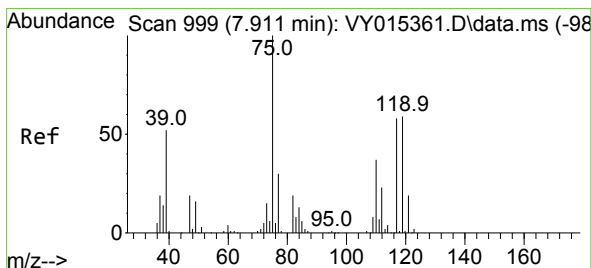
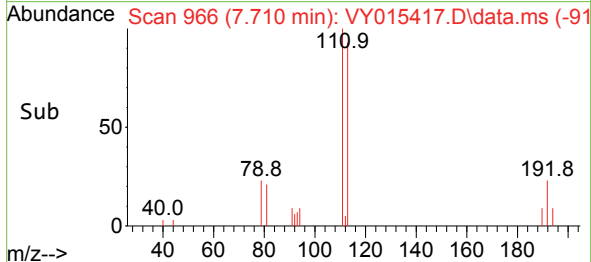
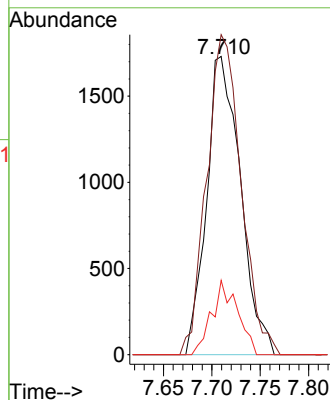
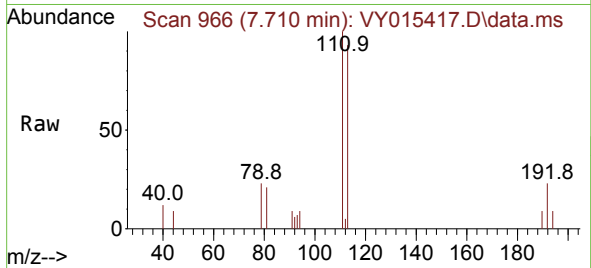




#35
Dibromofluoromethane
Concen: 29.836 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

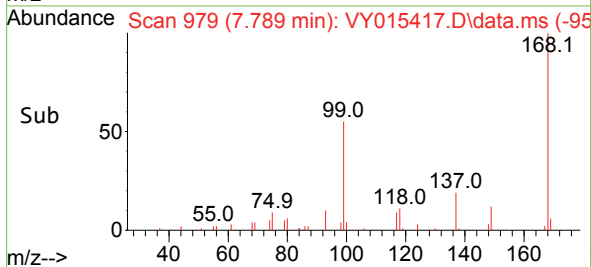
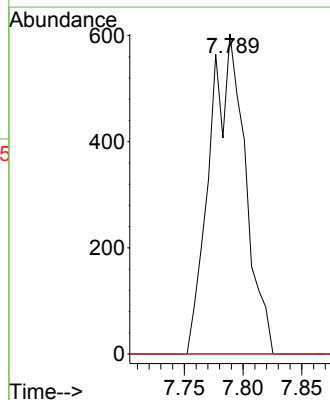
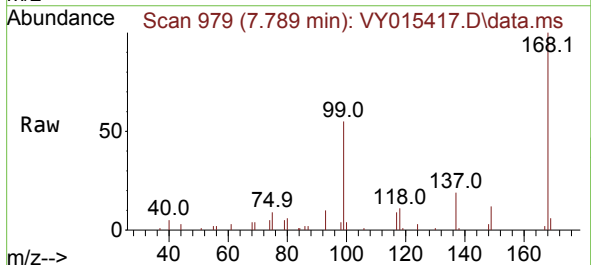
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

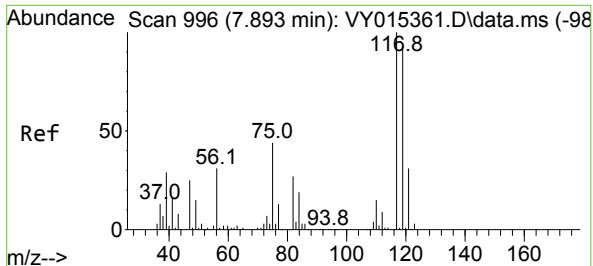
Tgt Ion:113 Resp: 4208
Ion Ratio Lower Upper
113 100
111 109.5 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

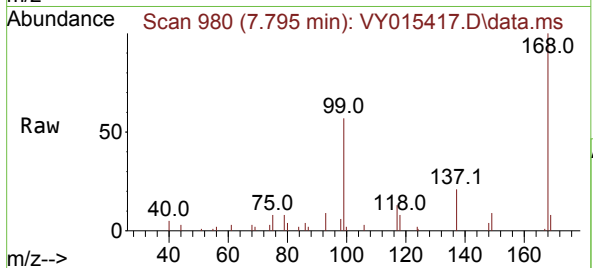
Tgt Ion: 75 Resp: 1265
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



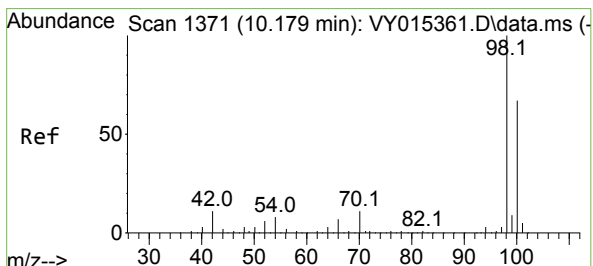
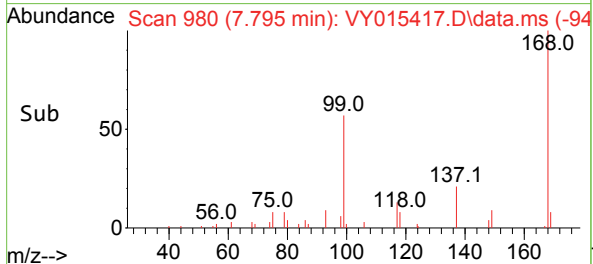
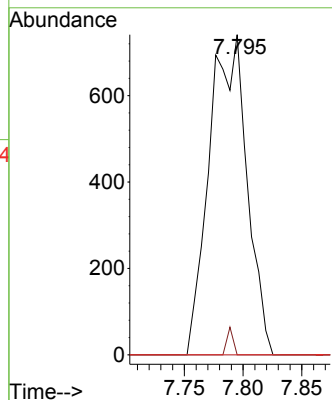


#38
Carbon Tetrachloride
Concen: 6.447 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

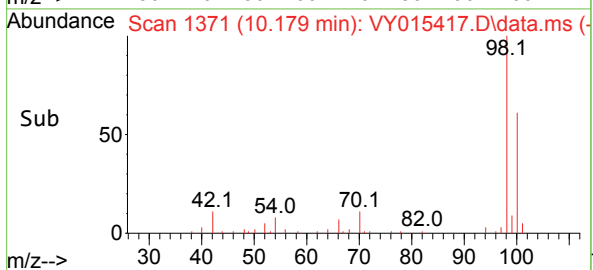
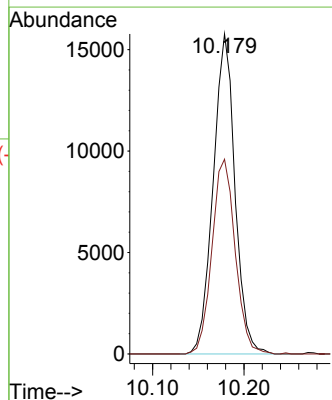
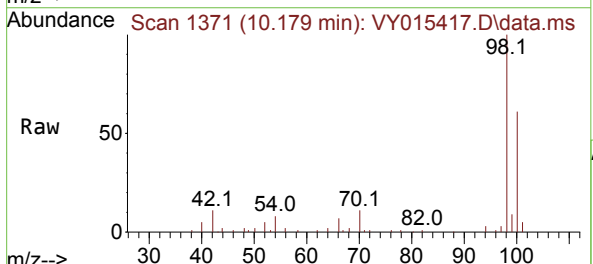


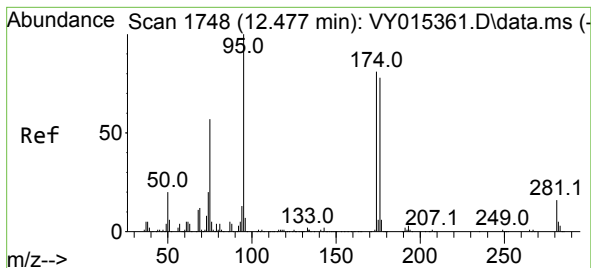
Tgt Ion:117 Resp: 1649
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.138 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

Tgt Ion: 98 Resp: 26119
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

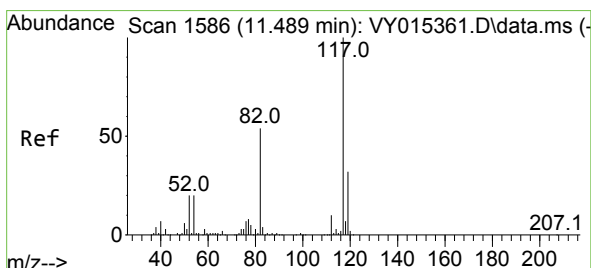
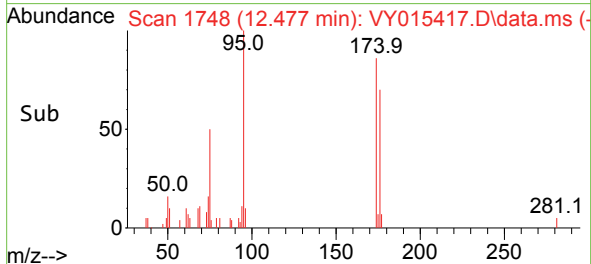
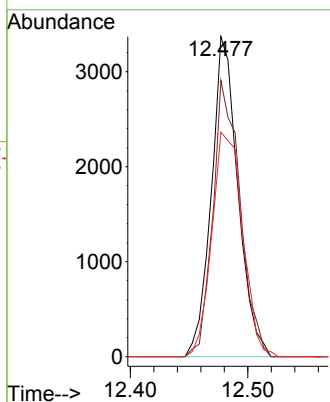
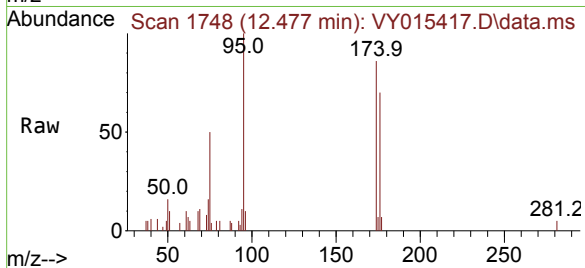




#62
4-Bromofluorobenzene
Concen: 27.920 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

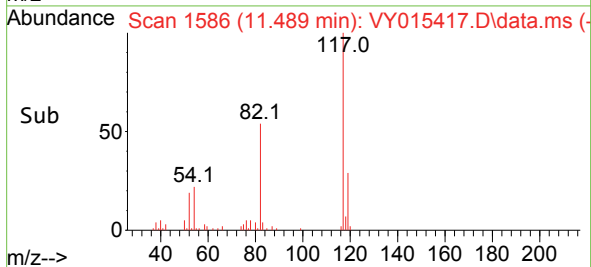
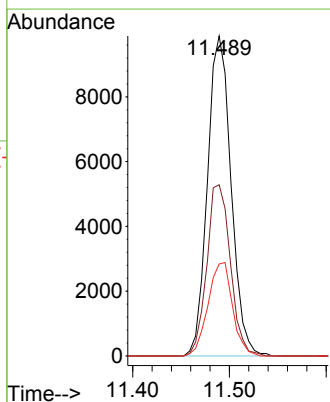
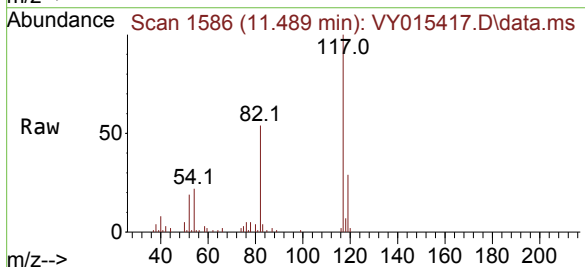
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

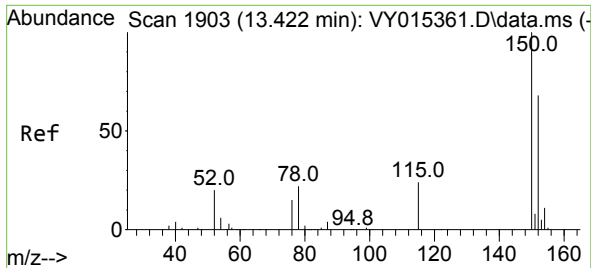
Tgt Ion:	95	Resp:	5294
Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	178.2
176	81.1	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

Tgt Ion:	117	Resp:	16767
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.4	65.0
119	28.8	26.3	39.5

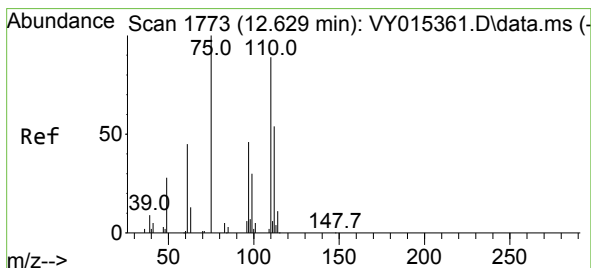
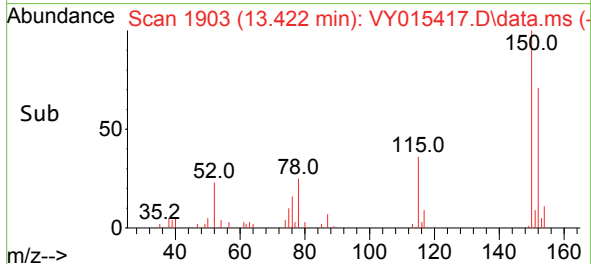
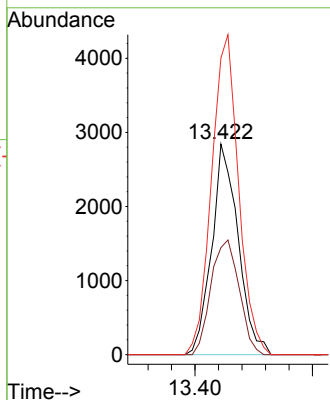
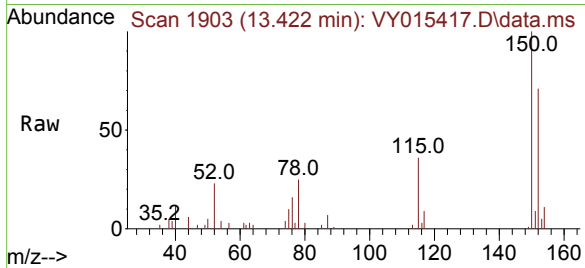




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015417.D
 Acq: 01 Sep 2023 15:54

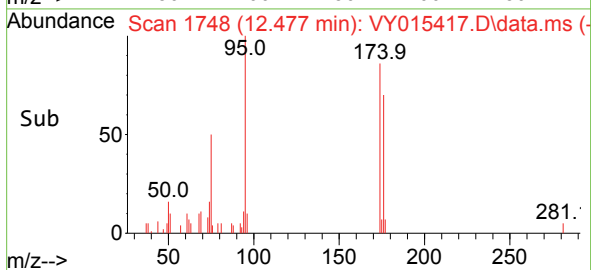
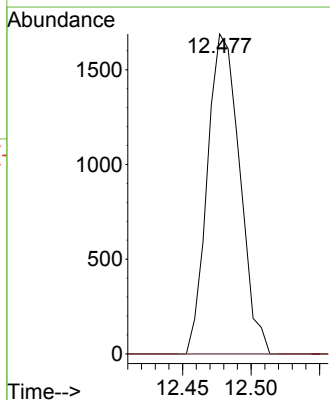
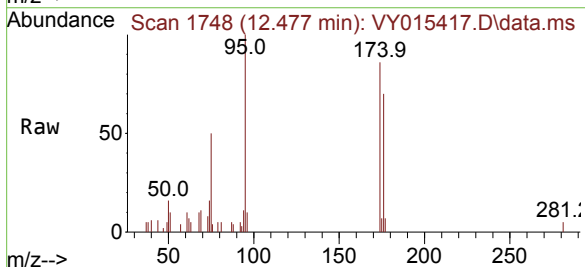
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

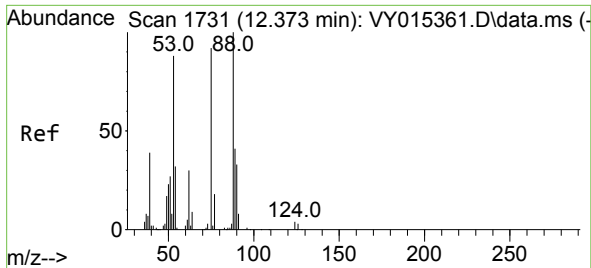
Tgt Ion:152 Resp: 4436
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 155.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 47.139 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015417.D
 Acq: 01 Sep 2023 15:54

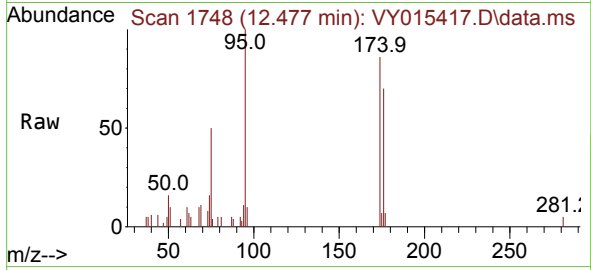
Tgt Ion: 75 Resp: 2773
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 103.984 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206



Tgt Ion:	75	Resp:	2773
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

