

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021505.D
 Acq On : 12 Mar 2025 13:13
 Operator : SY/MD
 Sample : Q1547-07
 Misc : 5.40g/5.1mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-620-JB-VOC-02

Quant Time: Mar 13 01:36:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	242602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	447848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	398629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	159560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	162361	63.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.640%
35) Dibromofluoromethane	7.634	113	155893	52.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.920%
50) Toluene-d8	10.109	98	538481	48.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.408	95	170218	44.895	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.800%

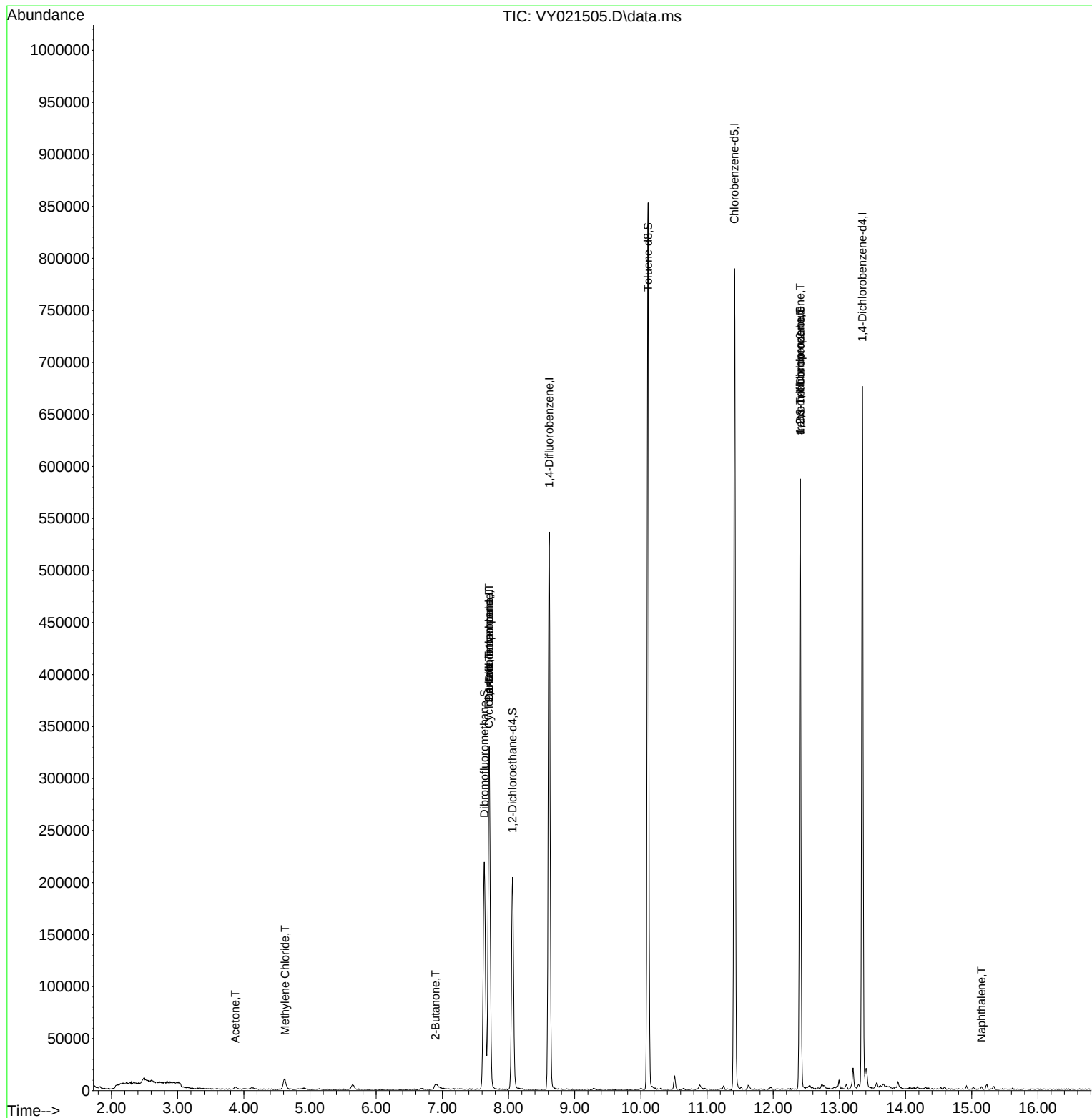
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.854	59	672	Below Cal	#	72
16) Acetone	3.873	43	3713	6.639	ug/l #	74
20) Methylene Chloride	4.622	84	6835	2.328	ug/l #	89
25) 2-Butanone	6.896	43	1500	1.939	ug/l	91
31) Cyclohexane	7.701	56	5639	1.174	ug/l #	12
36) 1,1-Dichloropropene	7.707	75	20962	4.549	ug/l #	49
38) Carbon Tetrachloride	7.707	117	26018	4.910	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	92021	57.232	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	92021	130.106	ug/l #	9
95) Naphthalene	15.145	128	1840	1.874	ug/l #	91

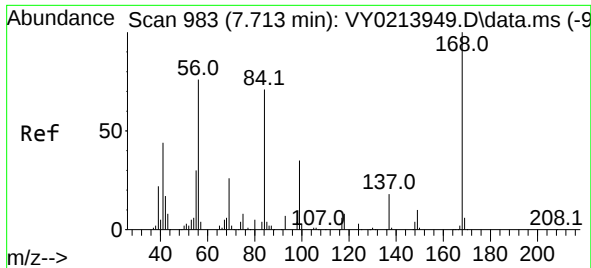
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
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QLast Update : Wed Mar 05 12:42:45 2025
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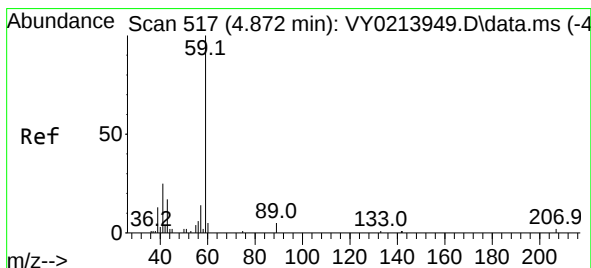
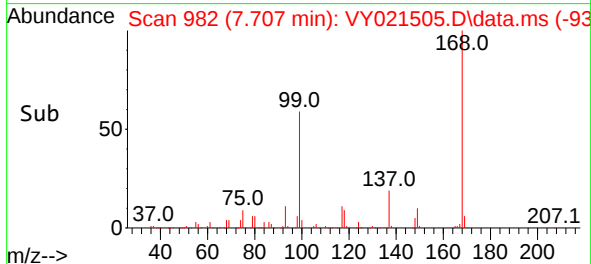
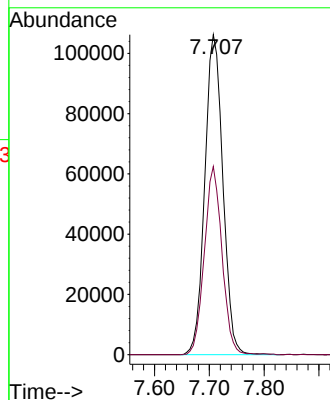
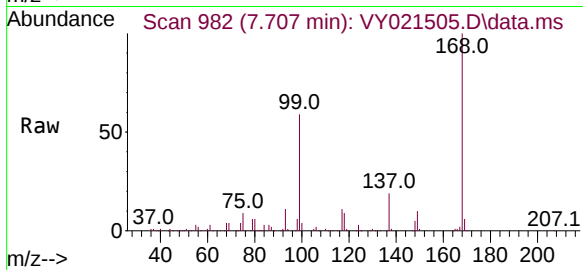




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

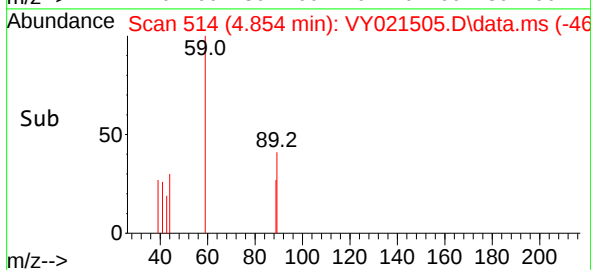
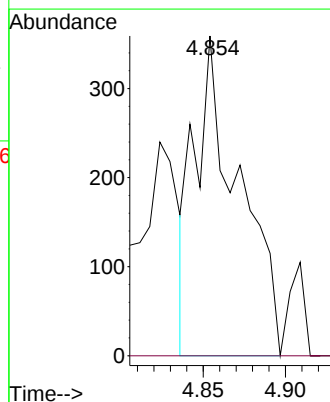
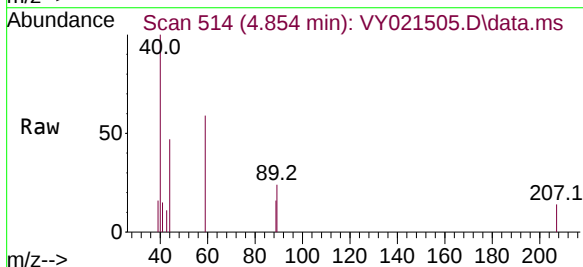
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-02

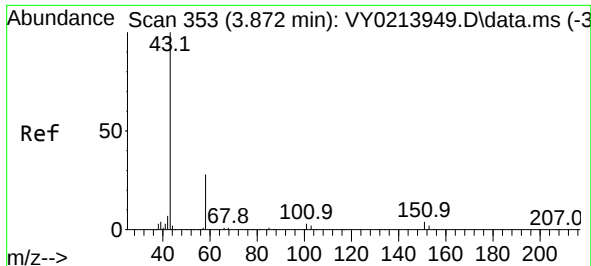
Tgt Ion:168 Resp: 242602
Ion Ratio Lower Upper
168 100
99 58.8 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

Tgt Ion: 59 Resp: 672
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 6.639 ug/l

RT: 3.873 min Scan# 3

Delta R.T. 0.001 min

Lab File: VY021505.D

Acq: 12 Mar 2025 13:13

Instrument :

MSVOA_Y

ClientSampleId :

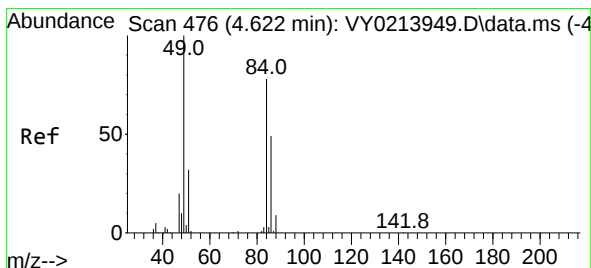
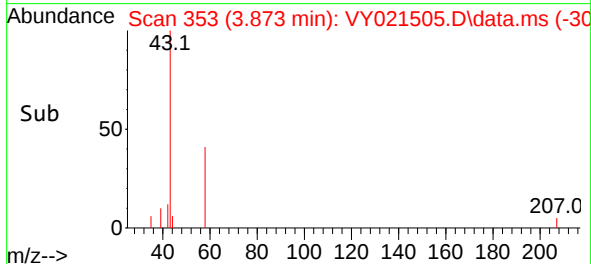
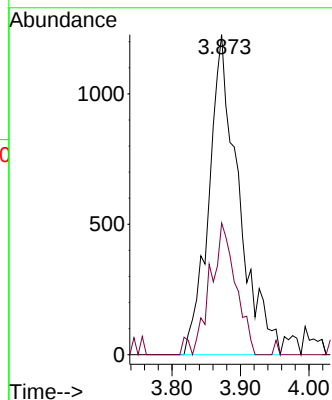
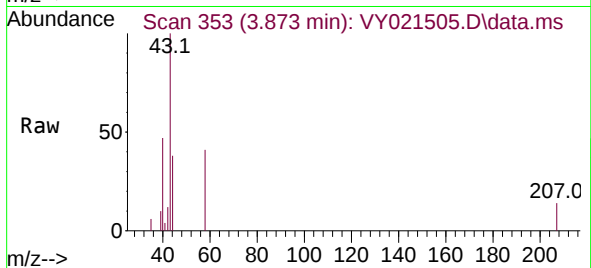
OR-620-JB-VOC-02

Tgt Ion: 43 Resp: 3713

Ion Ratio Lower Upper

43 100

58 41.2 22.1 33.1#



#20

Methylene Chloride

Concen: 2.328 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY021505.D

Acq: 12 Mar 2025 13:13

Tgt Ion: 84 Resp: 6835

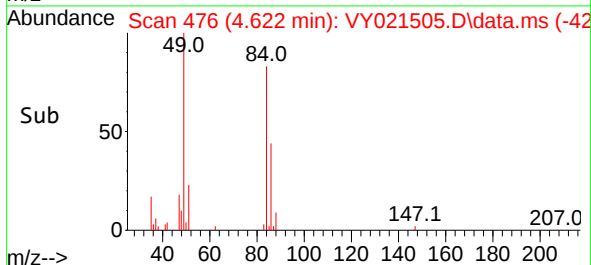
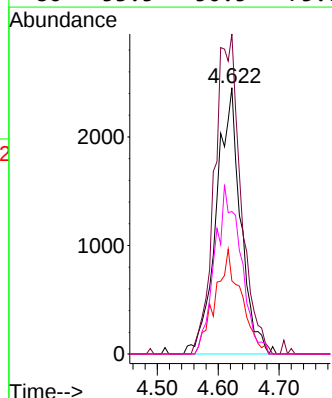
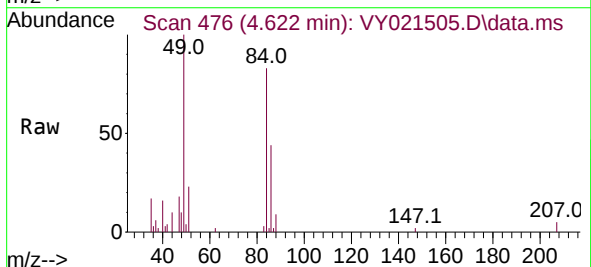
Ion Ratio Lower Upper

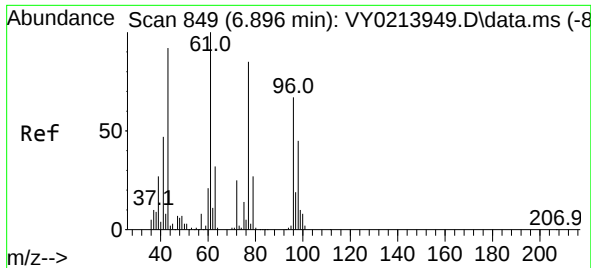
84 100

49 120.2 102.0 153.0

51 27.5 33.0 49.6#

86 53.5 50.5 75.7

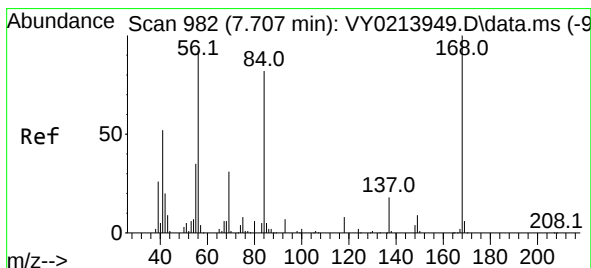
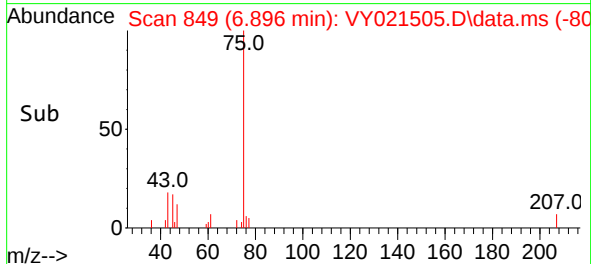
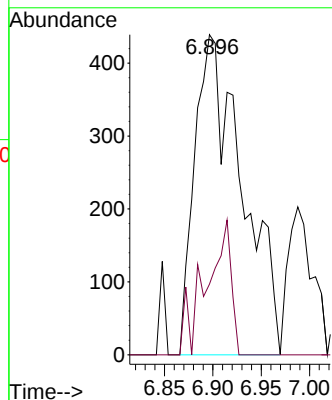
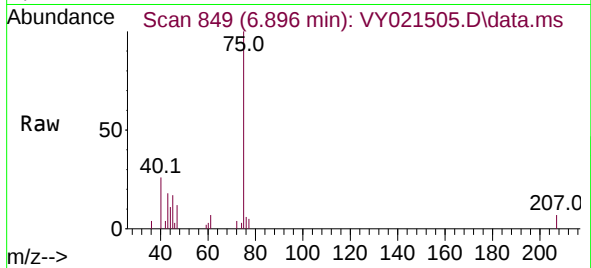




#25
2-Butanone
Concen: 1.939 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

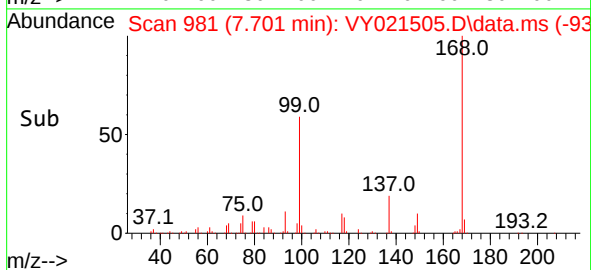
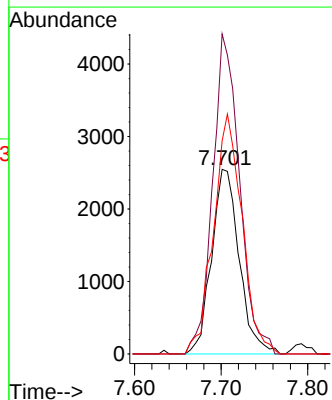
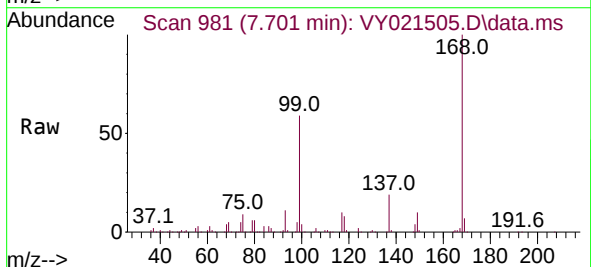
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-02

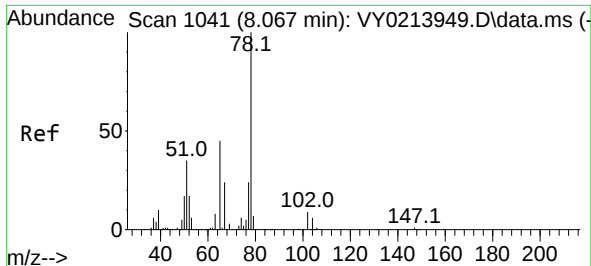
Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
72 22.1 21.4 32.0



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

Tgt Ion: 56 Resp: 5639
Ion Ratio Lower Upper
56 100
69 173.3 27.0 40.4#
84 115.4 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 63.319 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021505.D

Acq: 12 Mar 2025 13:13

Instrument :

MSVOA_Y

ClientSampleId :

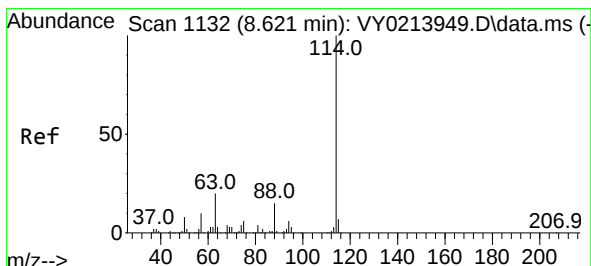
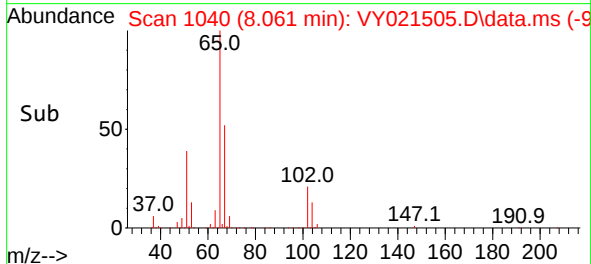
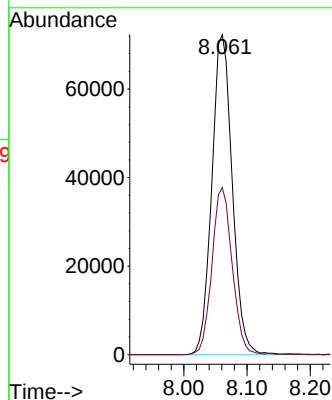
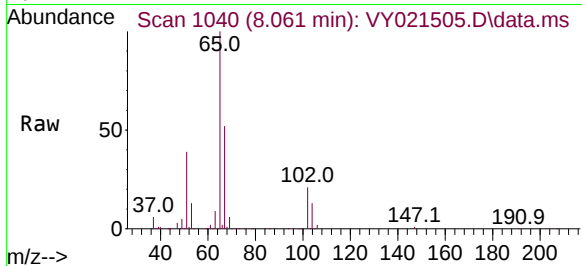
OR-620-JB-VOC-02

Tgt Ion: 65 Resp: 162361

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021505.D

Acq: 12 Mar 2025 13:13

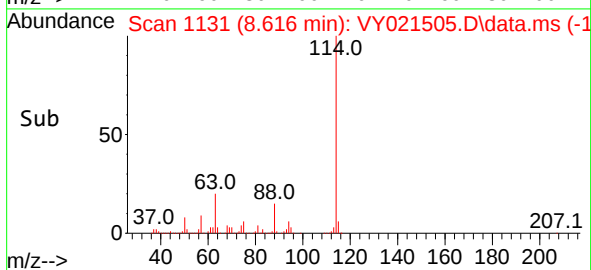
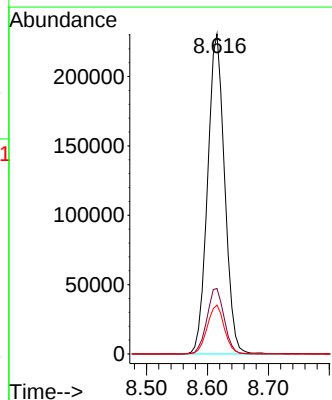
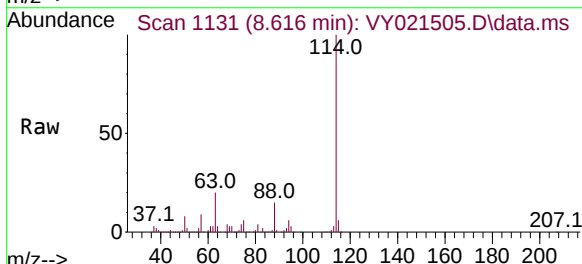
Tgt Ion: 114 Resp: 447848

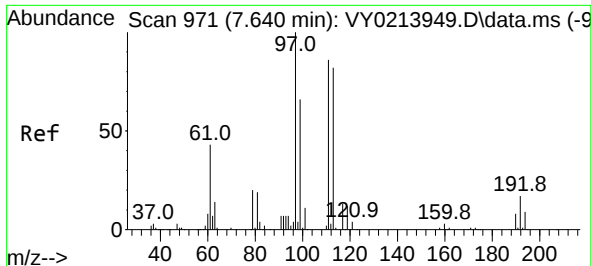
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.3 0.0 30.8

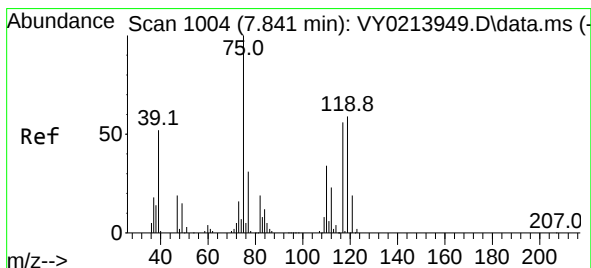
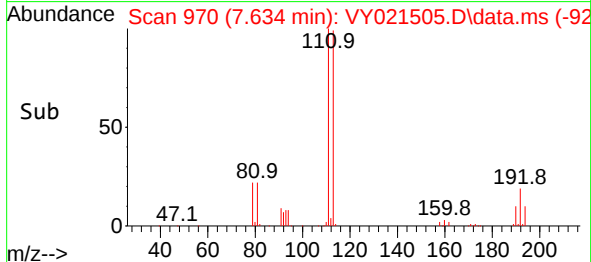
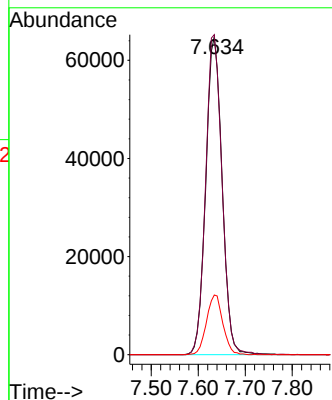
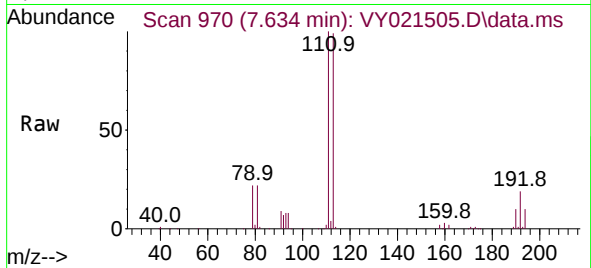




#35
Dibromofluoromethane
Concen: 52.957 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

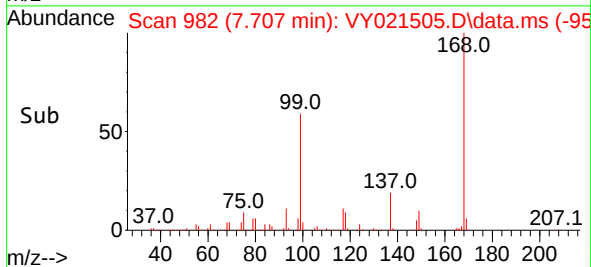
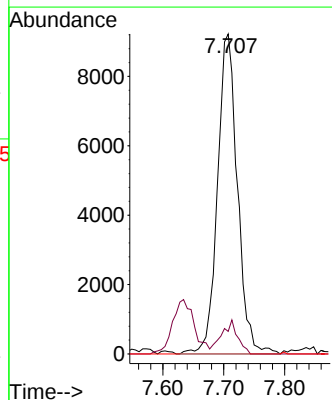
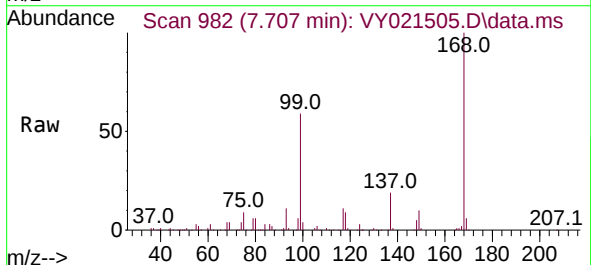
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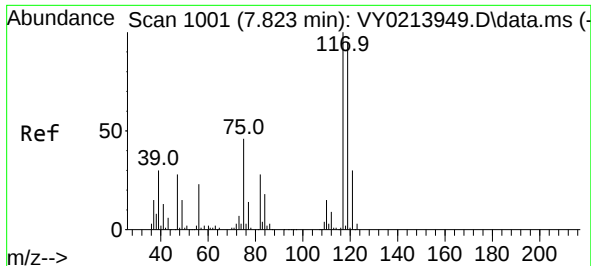
Tgt Ion:113 Resp: 155893
Ion Ratio Lower Upper
113 100
111 100.9 82.0 123.0
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.549 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

Tgt Ion: 75 Resp: 20962
Ion Ratio Lower Upper
75 100
110 8.5 17.3 51.7#
77 0.0 25.4 38.2#

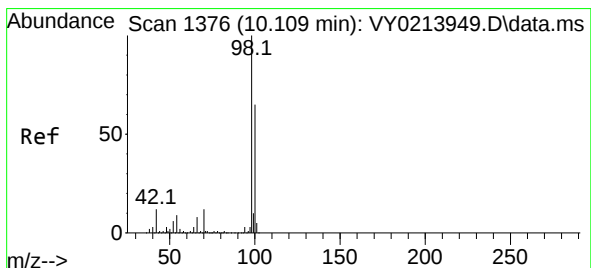
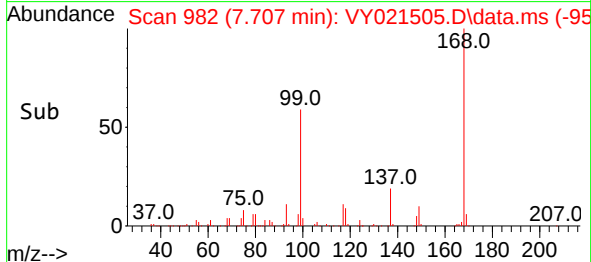
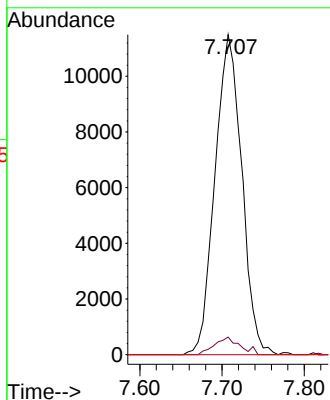
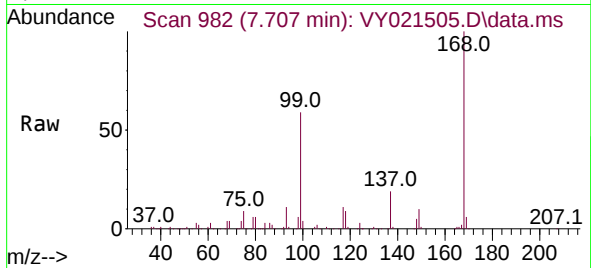




#38
Carbon Tetrachloride
Concen: 4.910 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

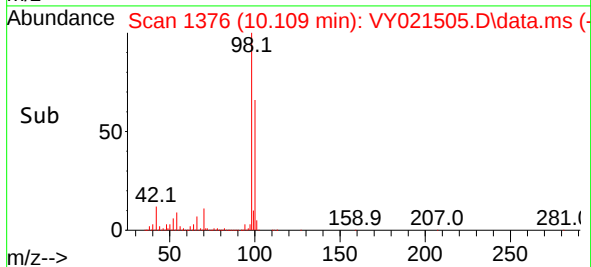
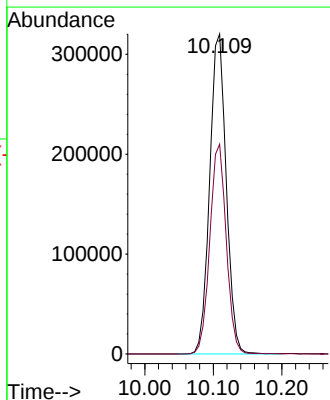
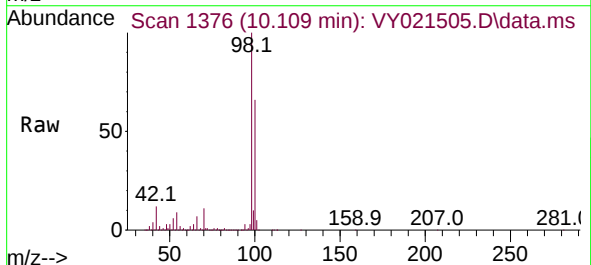
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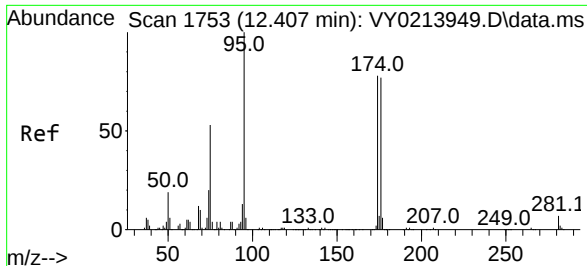
Tgt Ion:117 Resp: 26018
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 48.311 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

Tgt Ion: 98 Resp: 538481
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

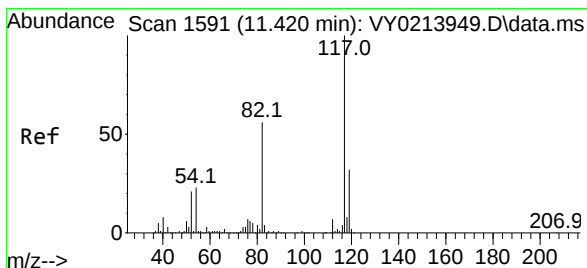
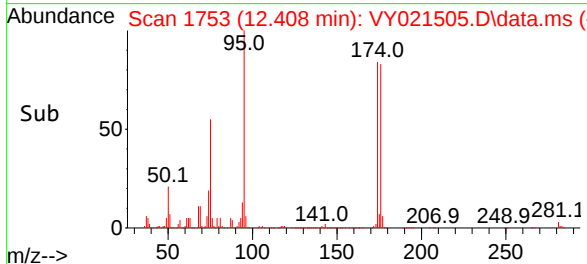
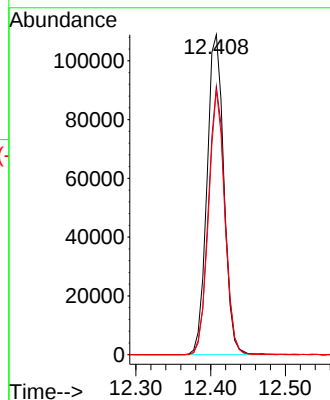
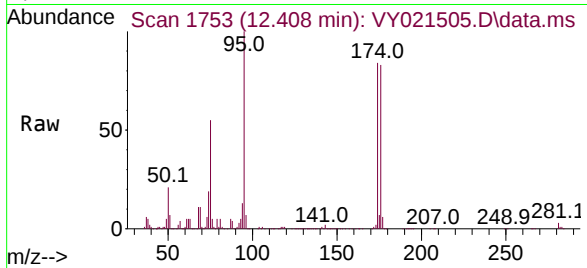




#62
4-Bromofluorobenzene
Concen: 44.895 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

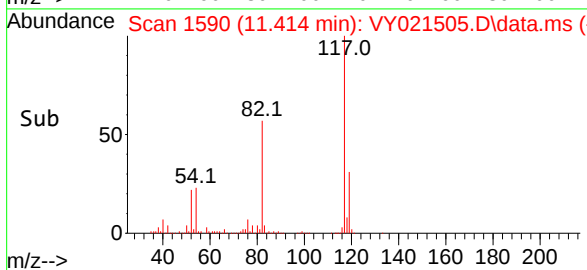
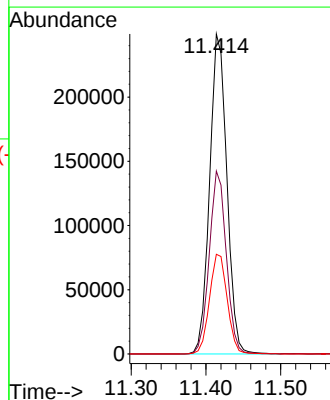
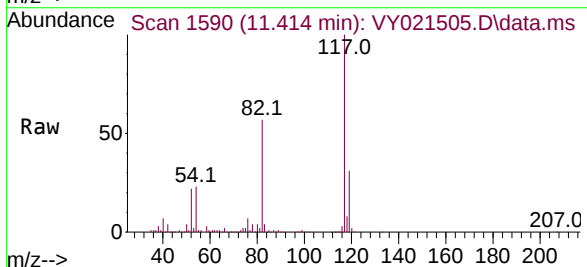
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-02

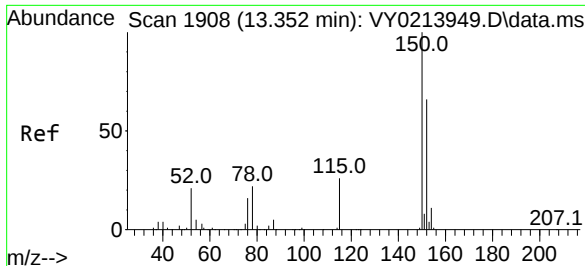
Tgt Ion: 95 Resp: 170218
Ion Ratio Lower Upper
95 100
174 82.2 0.0 165.0
176 79.0 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

Tgt Ion: 117 Resp: 398629
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 31.1 25.4 38.0

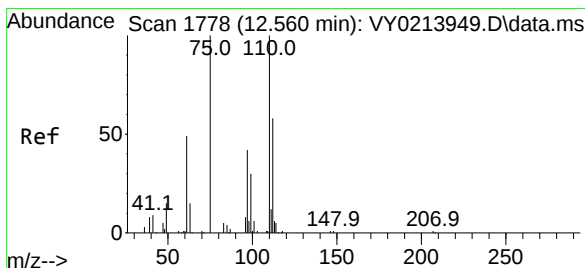
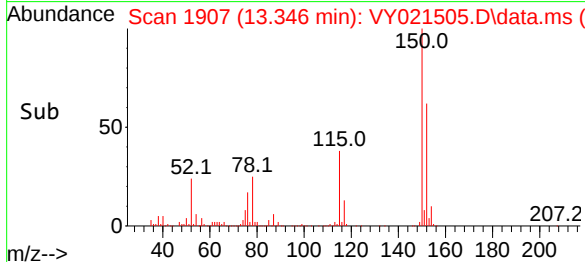
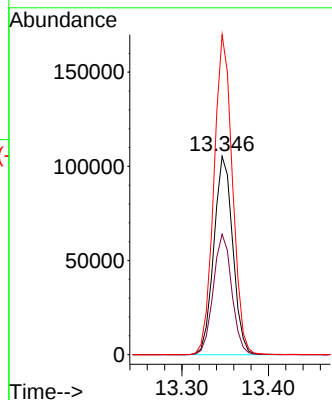
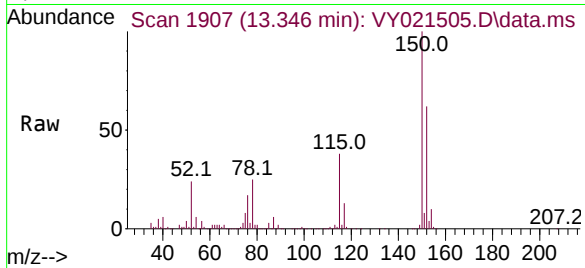




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY021505.D
 Acq: 12 Mar 2025 13:13

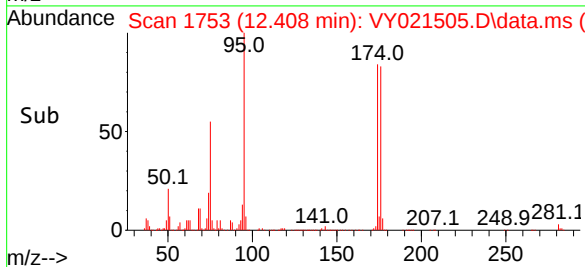
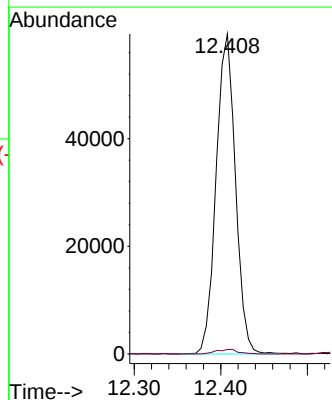
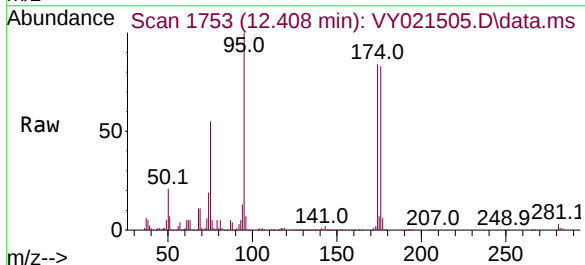
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-620-JB-VOC-02

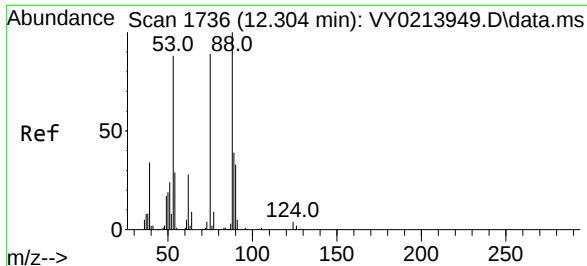
Tgt Ion:152 Resp: 159560
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.0 87.0
 150 158.3 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 57.232 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021505.D
 Acq: 12 Mar 2025 13:13

Tgt Ion: 75 Resp: 92021
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

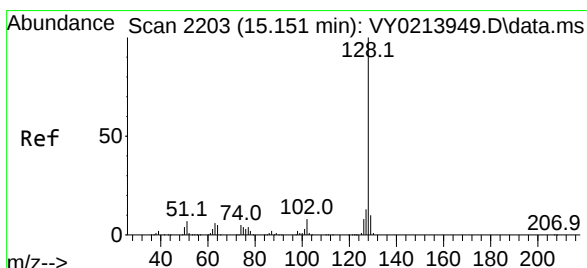
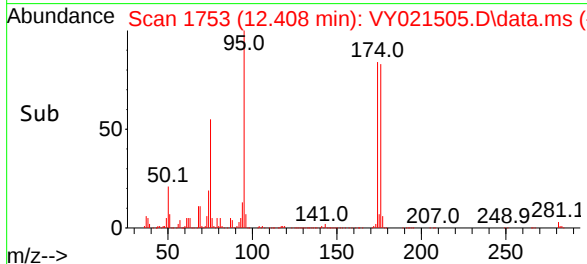
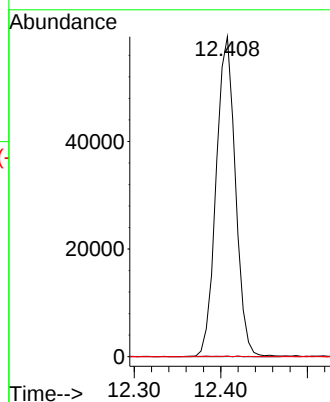
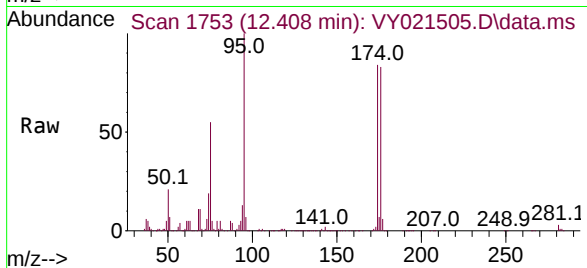




#81
trans-1,4-Dichloro-2-butene
Concen: 130.106 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-02

Tgt Ion: 75 Resp: 92021
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.4#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.874 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021505.D
Acq: 12 Mar 2025 13:13

Tgt Ion:128 Resp: 1840
Ion Ratio Lower Upper
128 100
127 10.8 10.6 15.8
129 5.9 8.6 13.0#

