

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021644.D
 Acq On : 26 Mar 2025 13:36
 Operator : SY/MD
 Sample : VY0326SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBL01

Quant Time: Mar 27 01:31:19 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	248088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	464192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	405175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	156839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142343	54.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.580%
35) Dibromofluoromethane	7.634	113	151976	49.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.109	98	561046	48.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.407	95	168088	42.773	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.540%

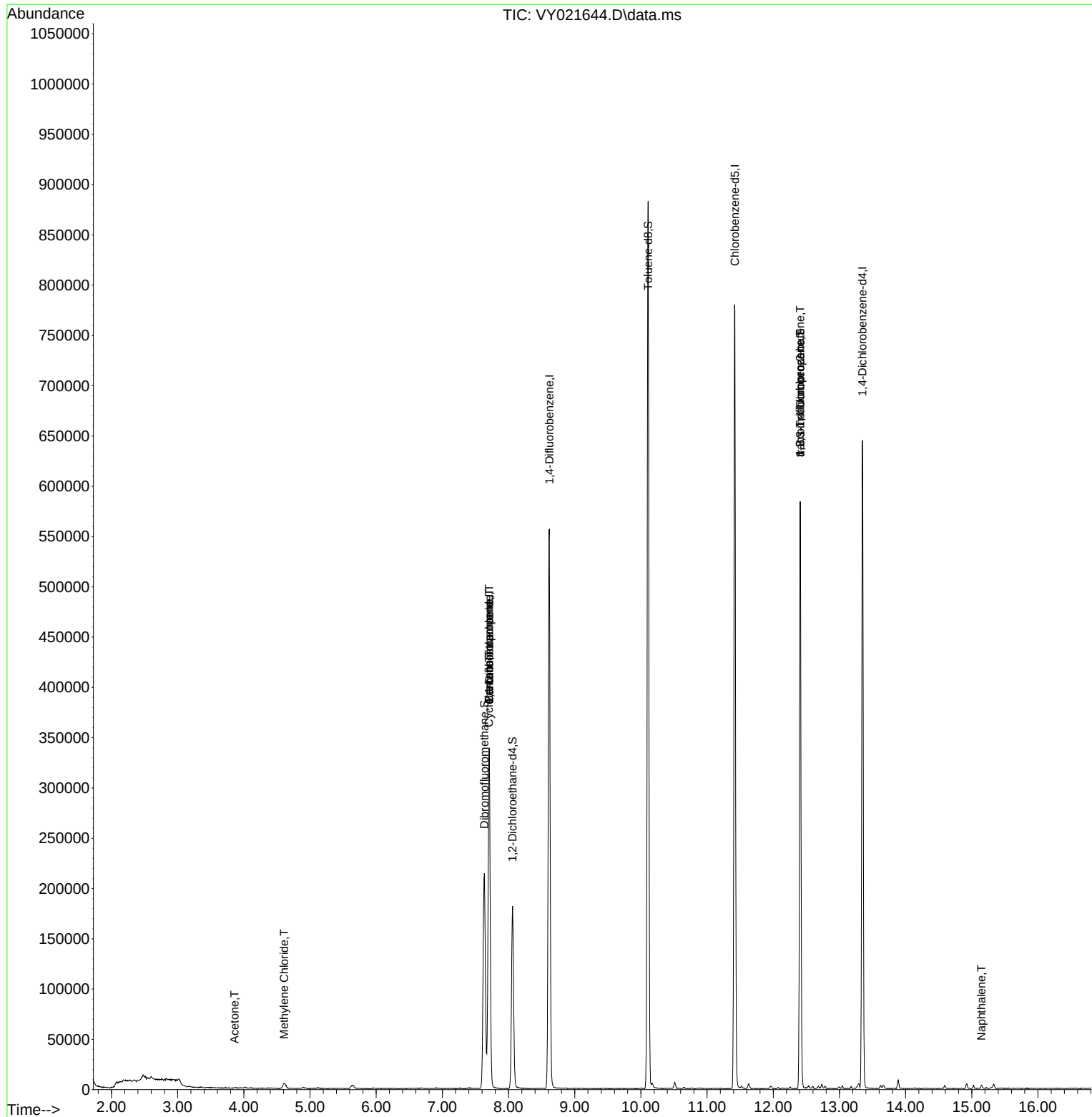
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.073	59	32	Below Cal	#	72
16) Acetone	3.860	43	1090	1.906	ug/l	99
20) Methylene Chloride	4.610	84	3451	1.150	ug/l	95
31) Cyclohexane	7.701	56	5751	1.171	ug/l	# 1
36) 1,1-Dichloropropene	7.707	75	20135	4.216	ug/l	# 51
38) Carbon Tetrachloride	7.707	117	25176	4.583	ug/l	# 17
76) 1,2,3-Trichloropropane	12.407	75	88909	56.256	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	88909	127.887	ug/l	# 9
95) Naphthalene	15.145	128	2790	2.105	ug/l	96

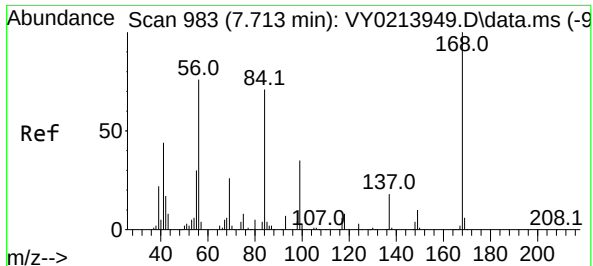
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
Data File : VY021644.D
Acq On : 26 Mar 2025 13:36
Operator : SY/MD
Sample : VY0326SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

Quant Time: Mar 27 01:31:19 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

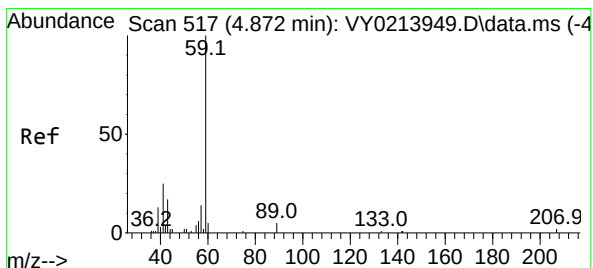
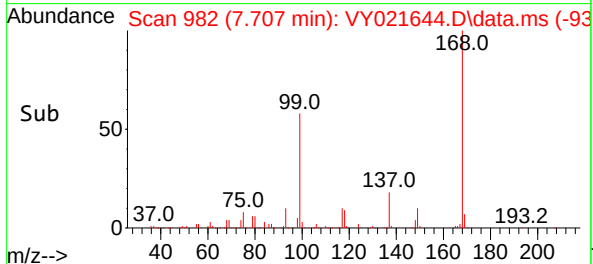
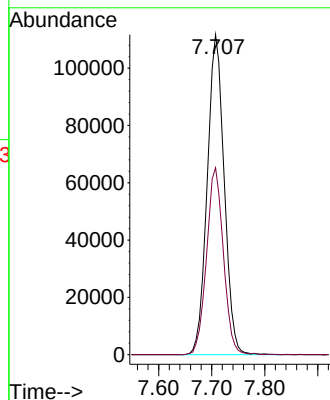
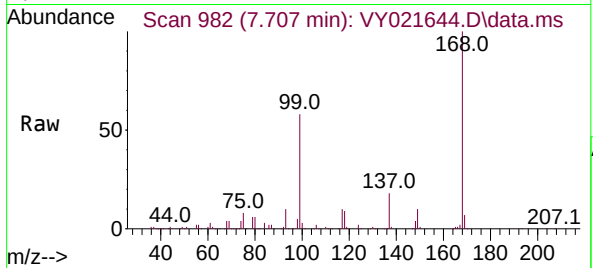




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

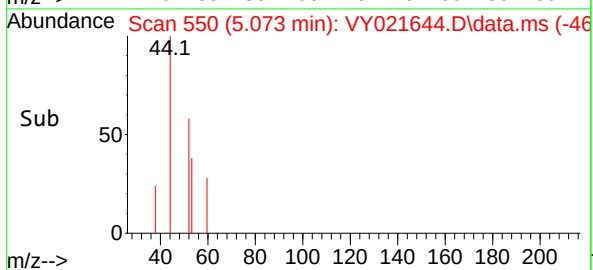
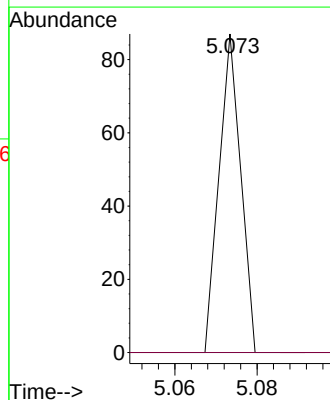
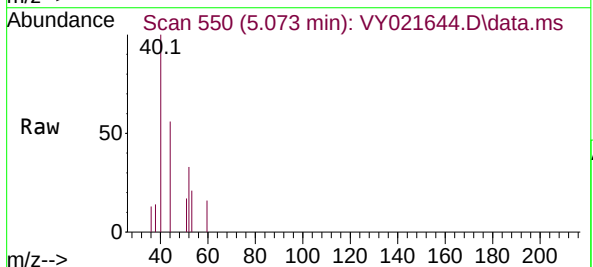
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

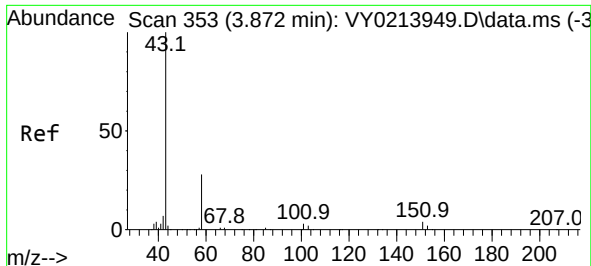
Tgt Ion:168 Resp: 248088
Ion Ratio Lower Upper
168 100
99 58.4 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.073 min Scan# 550
Delta R.T. 0.201 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

Tgt Ion: 59 Resp: 32
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

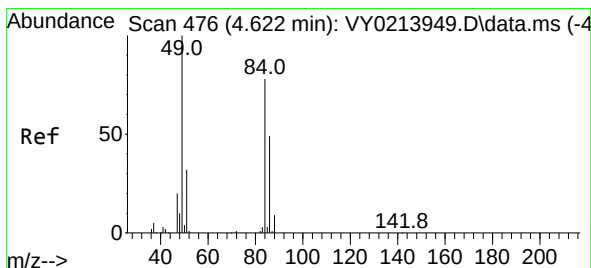
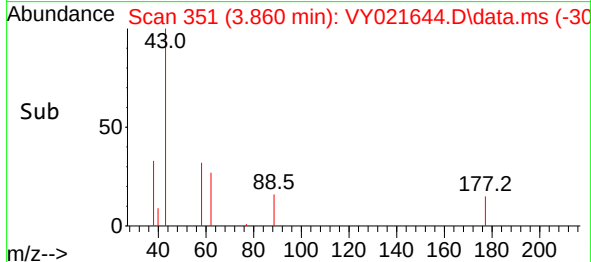
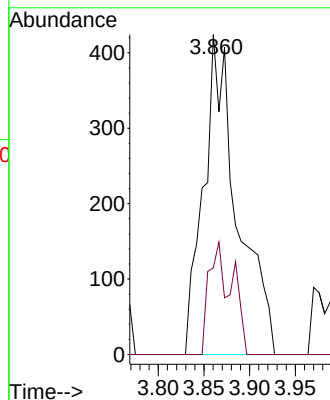
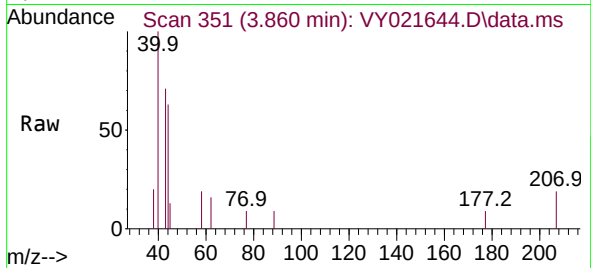




#16
Acetone
Concen: 1.906 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

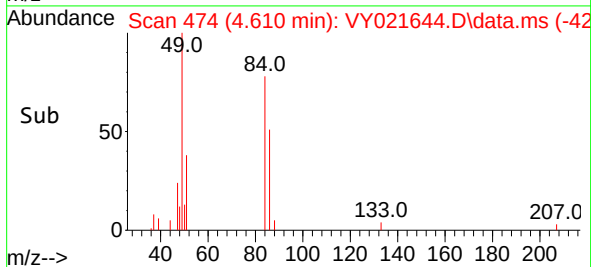
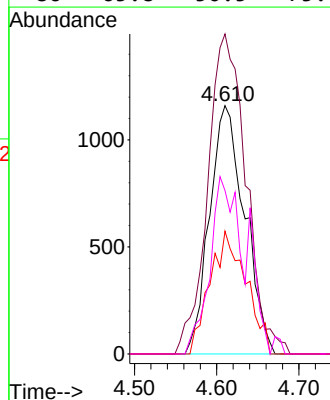
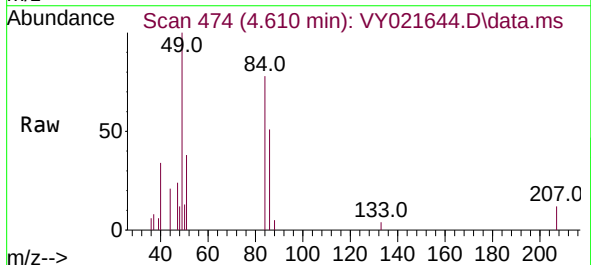
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

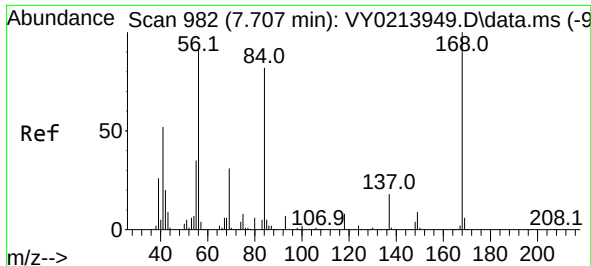
Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 27.1 22.1 33.1



#20
Methylene Chloride
Concen: 1.150 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

Tgt Ion: 84 Resp: 3451
Ion Ratio Lower Upper
84 100
49 124.0 102.0 153.0
51 49.4 33.0 49.6
86 65.8 50.5 75.7

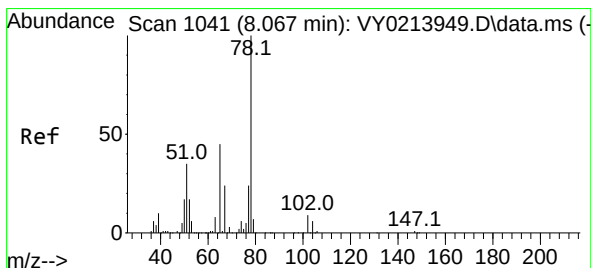
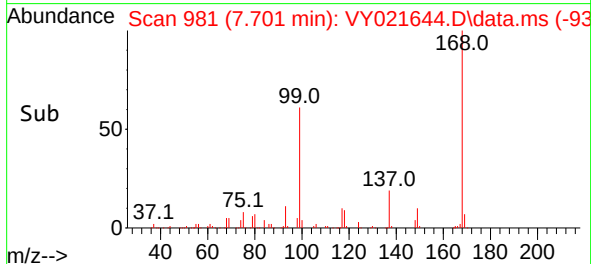
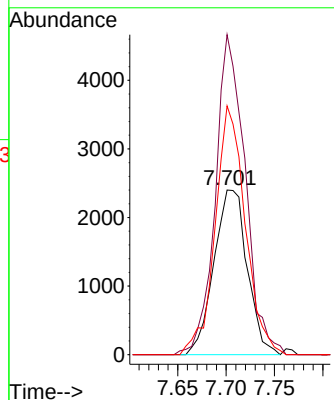
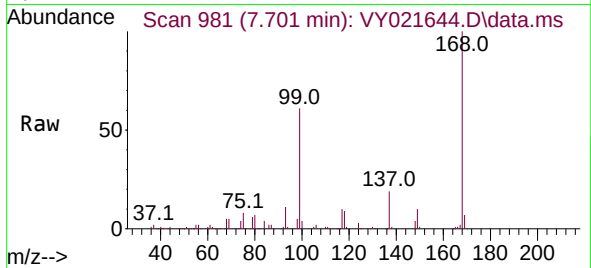




#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

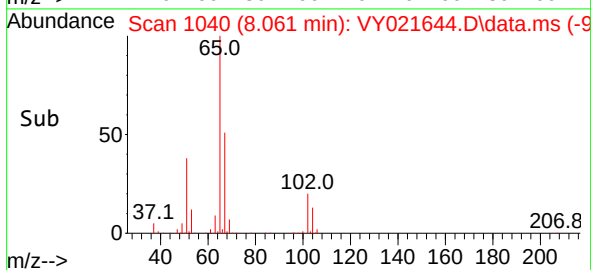
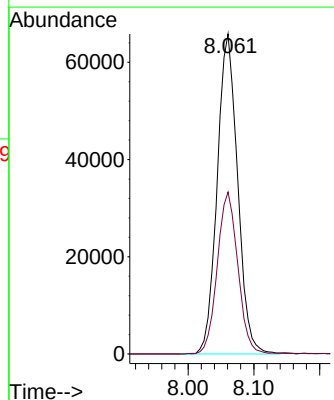
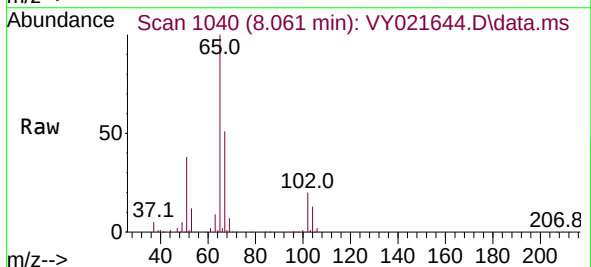
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

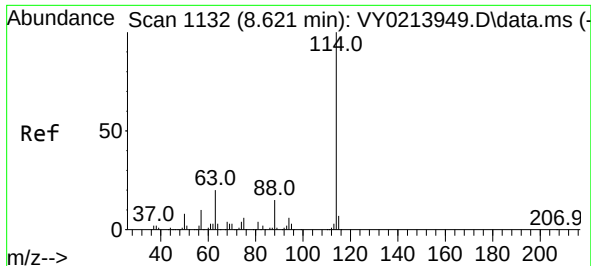
Tgt Ion: 56 Resp: 5751
Ion Ratio Lower Upper
56 100
69 192.1 27.0 40.4#
84 151.1 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 54.285 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

Tgt Ion: 65 Resp: 142343
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.8

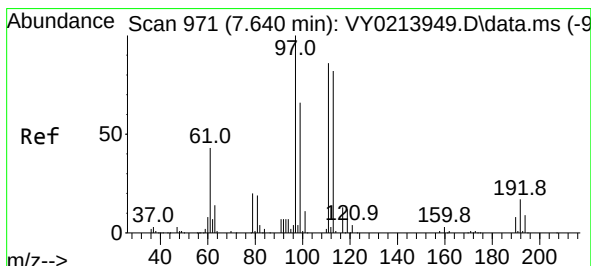
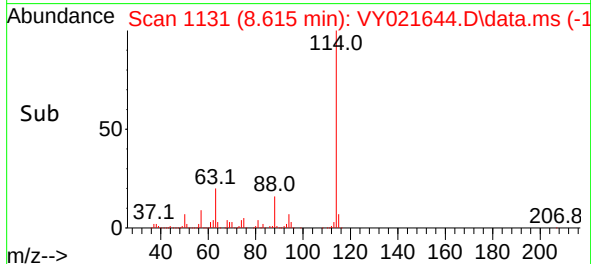
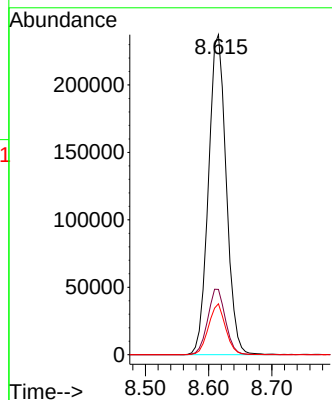
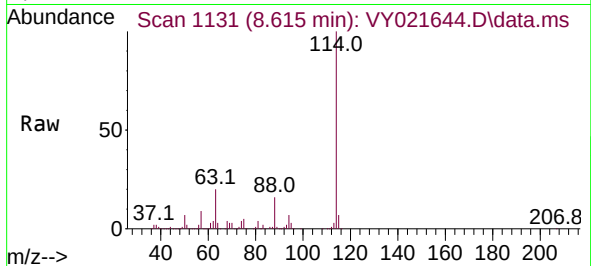




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

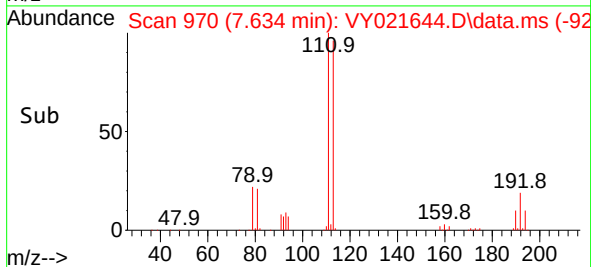
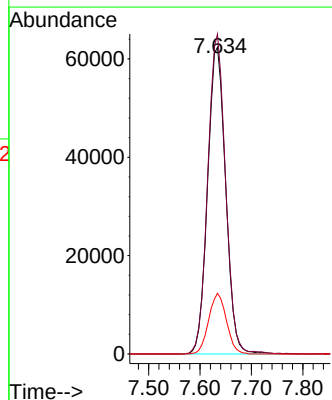
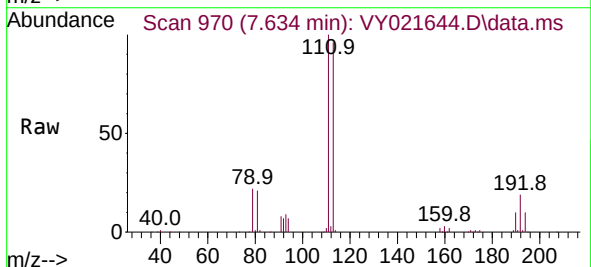
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

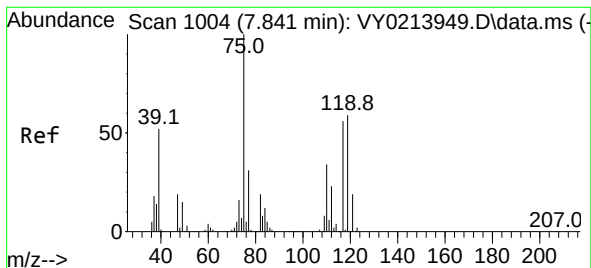
Tgt Ion:114 Resp: 464192
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.809 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

Tgt Ion:113 Resp: 151976
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 19.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.216 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021644.D

Acq: 26 Mar 2025 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01

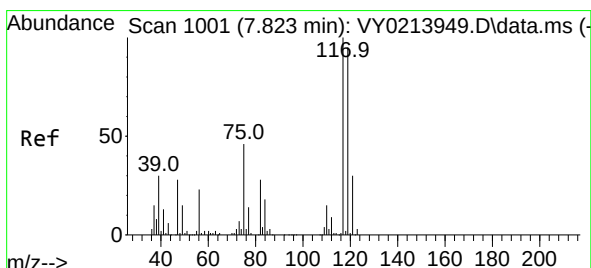
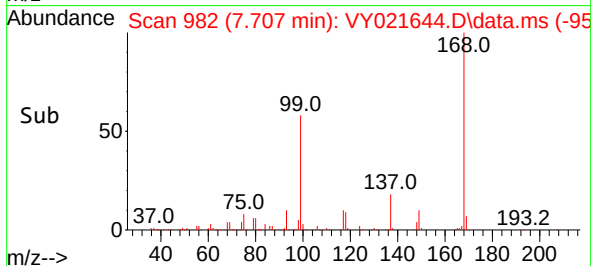
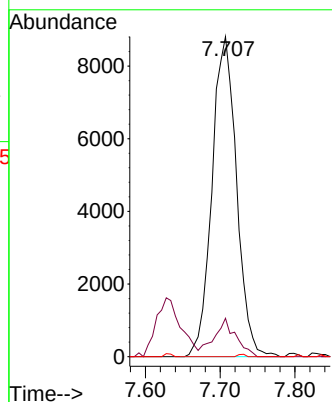
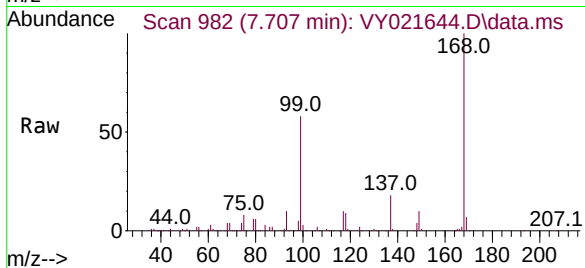
Tgt Ion: 75 Resp: 20135

Ion Ratio Lower Upper

75 100

110 10.7 17.3 51.7#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.583 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021644.D

Acq: 26 Mar 2025 13:36

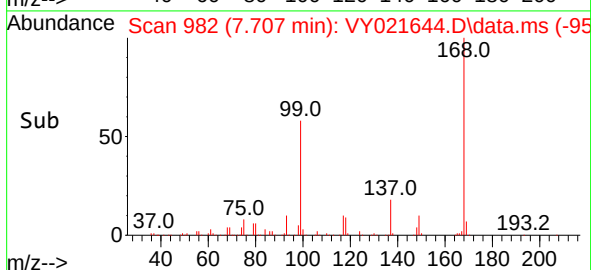
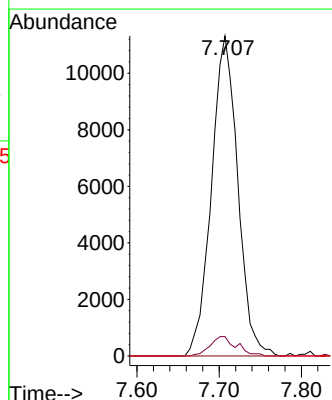
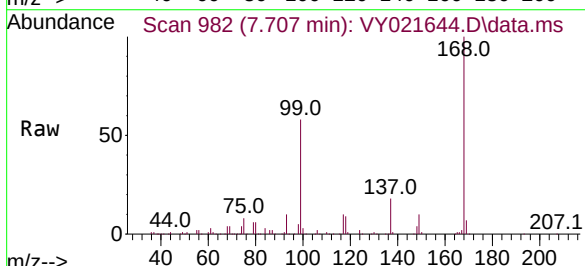
Tgt Ion: 117 Resp: 25176

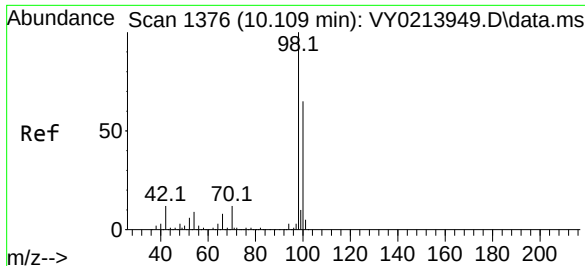
Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.8#

121 0.0 23.9 35.9#

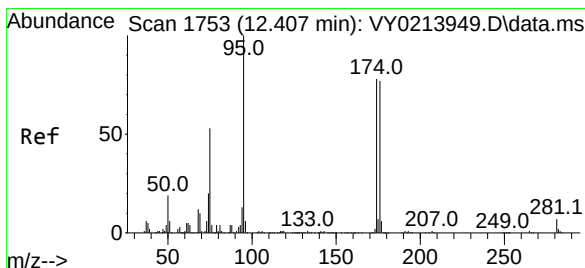
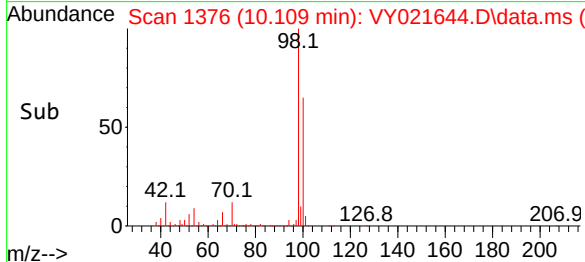
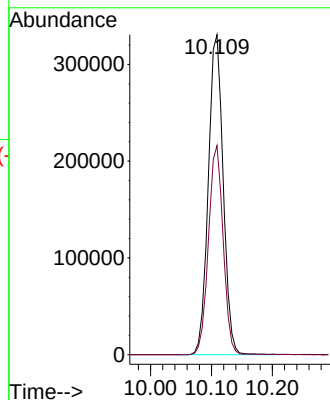
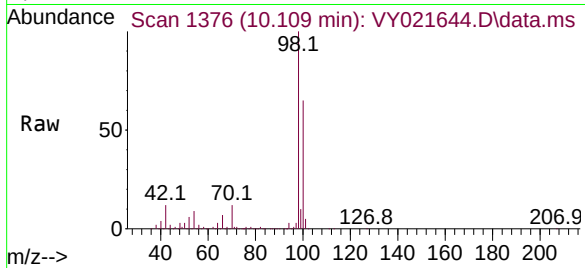




#50
Toluene-d8
Concen: 48.564 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

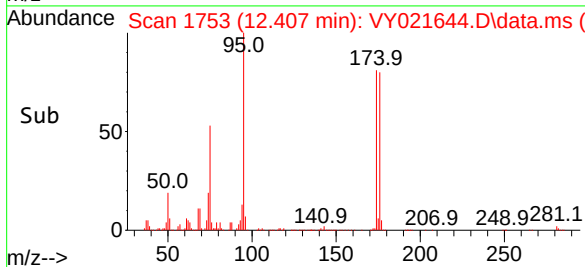
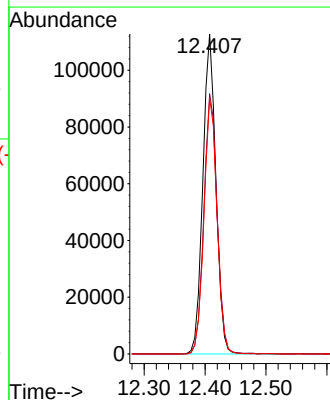
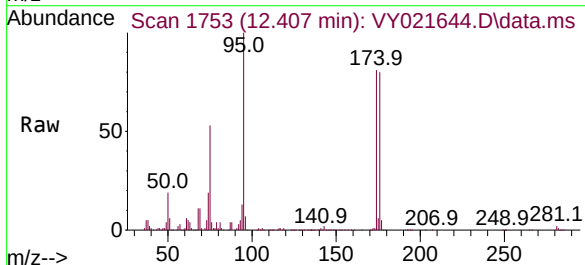
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

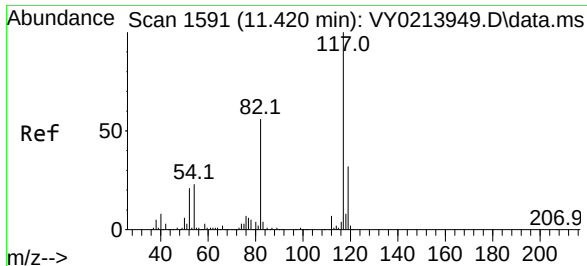
Tgt Ion: 98 Resp: 561046
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.773 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

Tgt Ion: 95 Resp: 168088
Ion Ratio Lower Upper
95 100
174 82.6 0.0 165.0
176 79.9 0.0 160.0

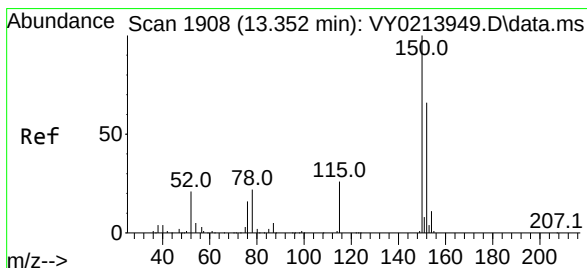
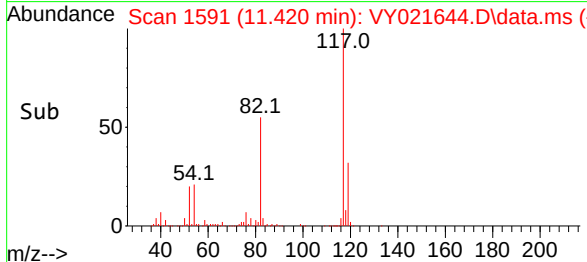
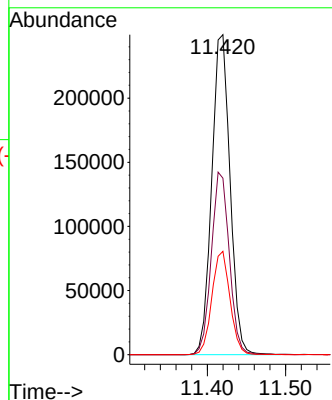
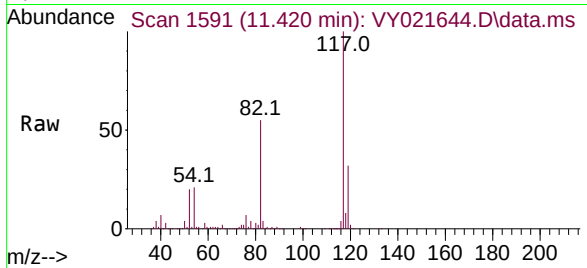




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

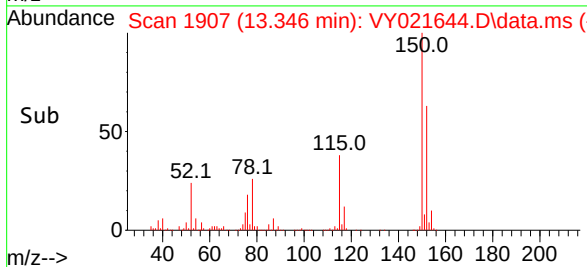
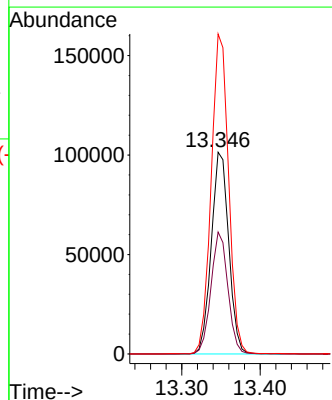
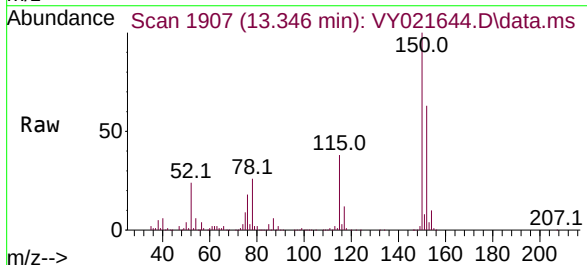
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

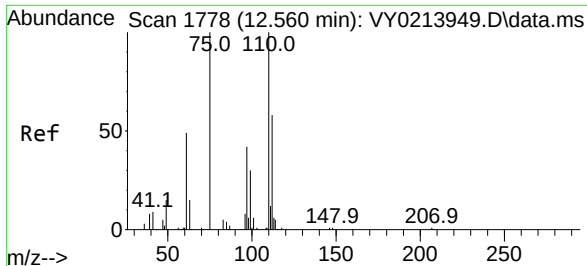
Tgt Ion:117 Resp: 405175
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

Tgt Ion:152 Resp: 156839
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.0
150 157.6 0.0 347.2

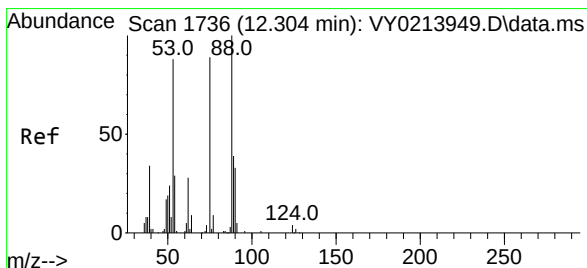
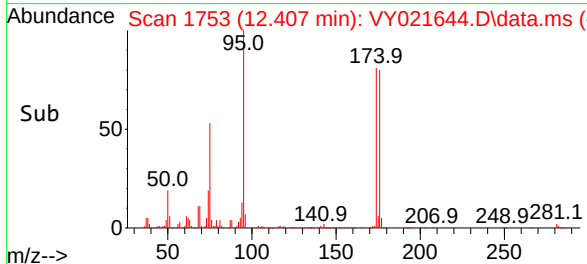
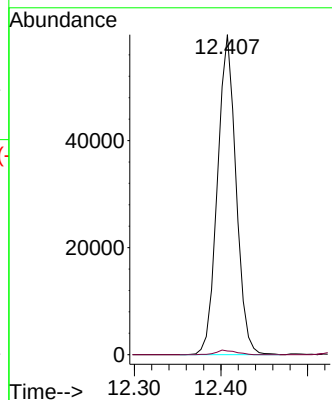
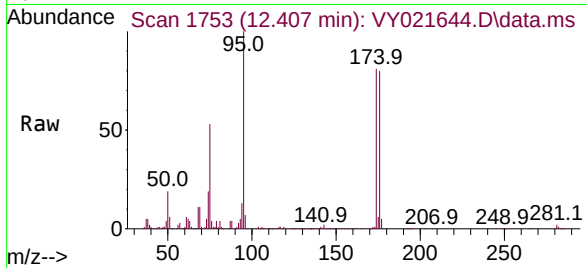




#76
1,2,3-Trichloropropane
Concen: 56.256 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

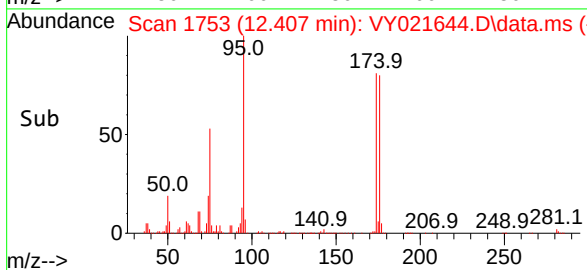
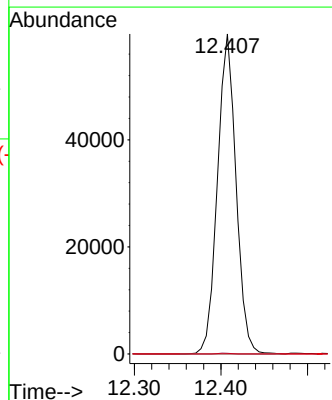
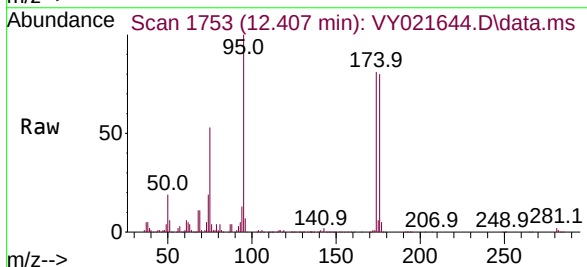
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

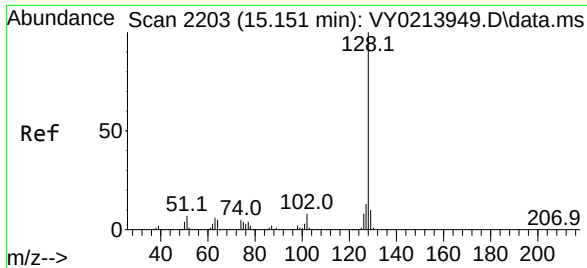
Tgt Ion: 75 Resp: 88909
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.887 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021644.D
Acq: 26 Mar 2025 13:36

Tgt Ion: 75 Resp: 88909
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 2.105 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021644.D

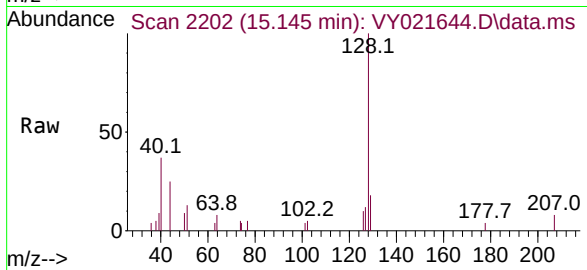
Acq: 26 Mar 2025 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01



Tgt Ion:	128	Resp:	2790
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.6	15.8
129	9.4	8.6	13.0

