

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019413.D
 Acq On : 30 Aug 2024 22:04
 Operator : SY/MD
 Sample : P3737-02
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:22:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

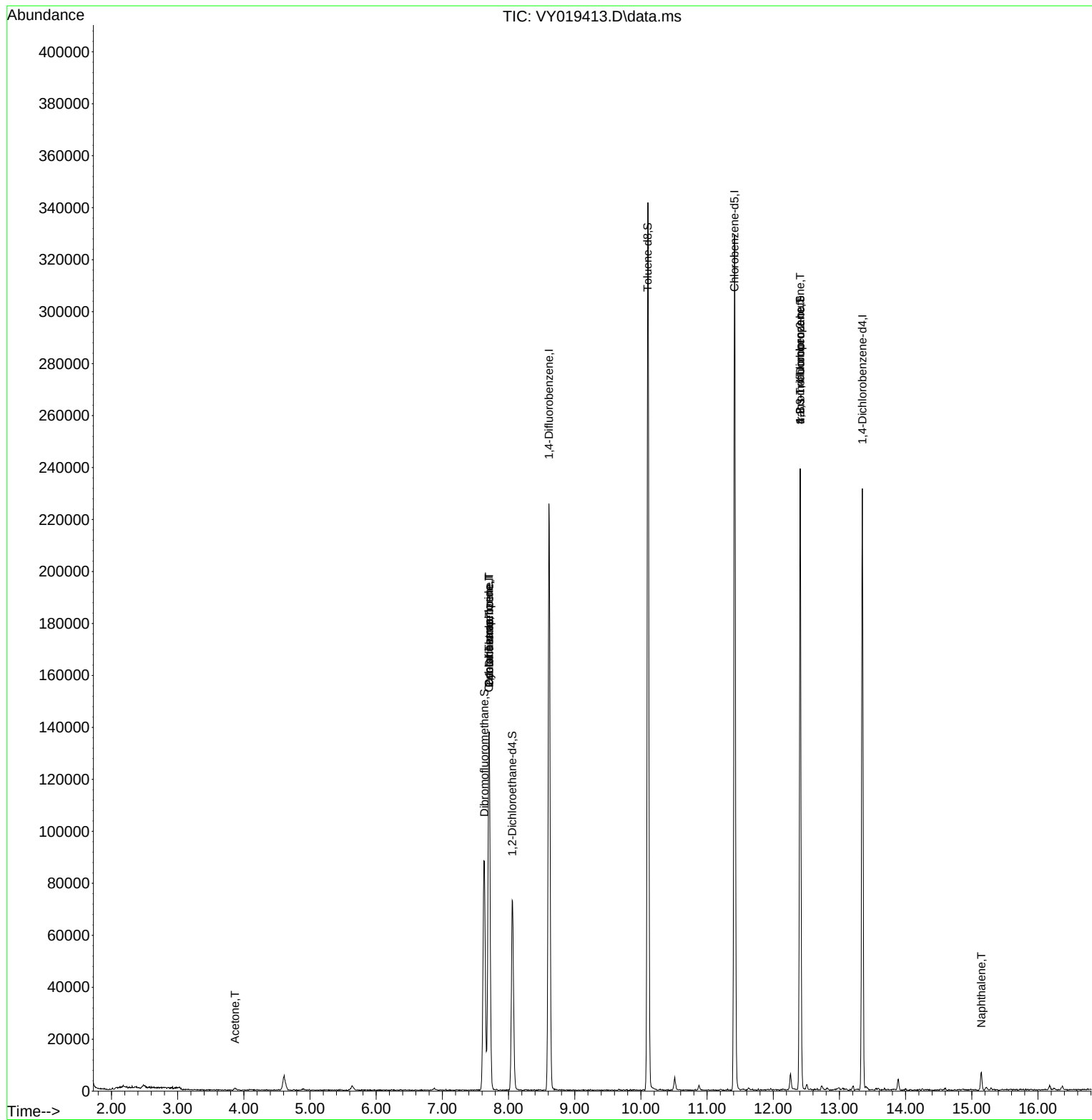
Internal Standards						
1) Pentafluorobenzene	7.707	168	111991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	197984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	178371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	56653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	59670	56.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.500%
35) Dibromofluoromethane	7.634	113	63943	51.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.103	98	222106	48.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.408	95	68309	45.834	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.660%
Target Compounds						
					Qvalue	
5) Bromomethane	2.623	94	90	Below Cal	#	3
16) Acetone	3.867	43	776	3.719	ug/l #	68
20) Methylene Chloride	4.610	84	4219	Below Cal	#	76
31) Cyclohexane	7.707	56	2247	1.246	ug/l #	12
36) 1,1-Dichloropropene	7.707	75	8126	4.594	ug/l #	47
38) Carbon Tetrachloride	7.701	117	10915	5.063	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	37599	75.572	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	37599	186.970	ug/l #	16
95) Naphthalene	15.145	128	5446	3.746	ug/l #	96

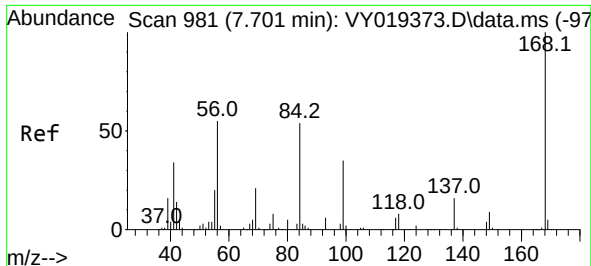
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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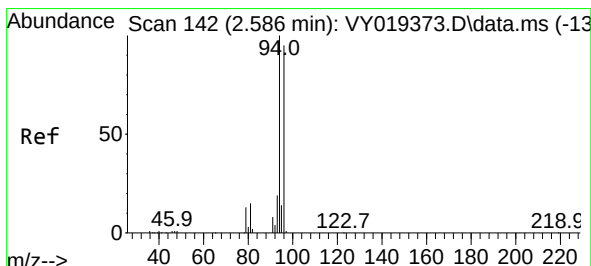
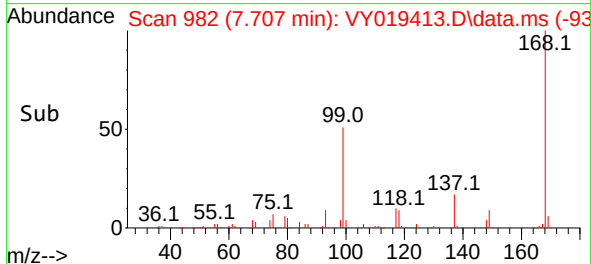
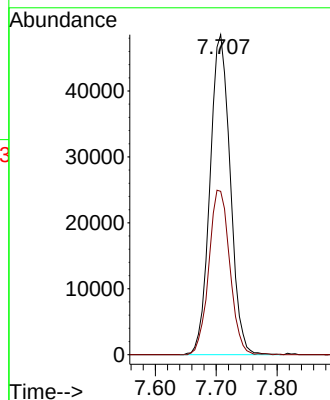
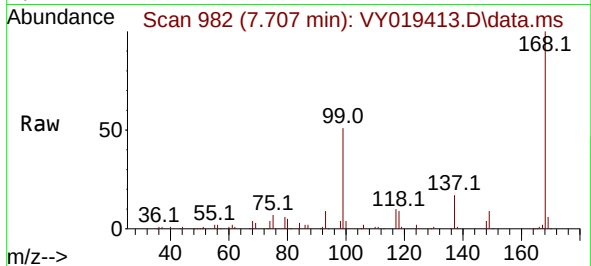




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

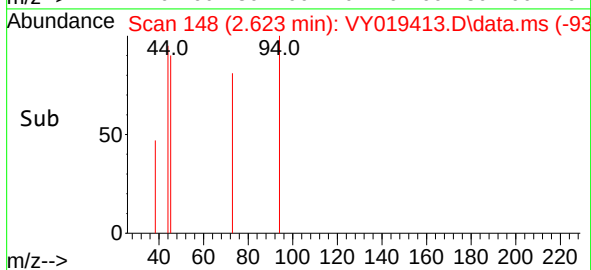
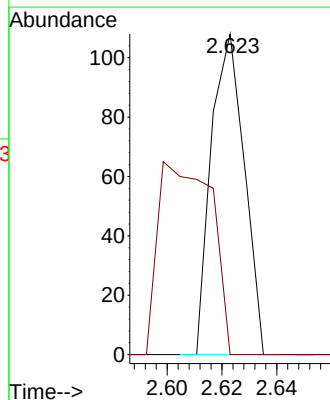
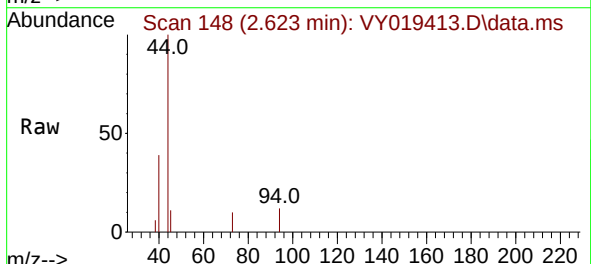
Instrument :
MSVOA_Y
ClientSampleId :

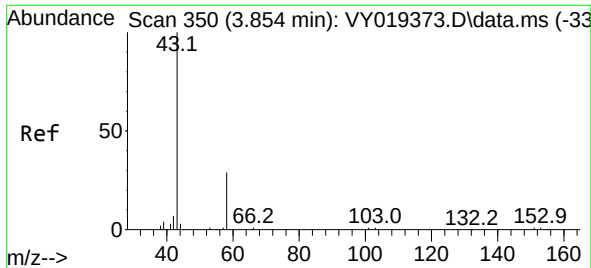
Tgt Ion:168 Resp: 111991
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.623 min Scan# 148
Delta R.T. 0.037 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

Tgt Ion: 94 Resp: 90
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#16

Acetone

Concen: 3.719 ug/l

RT: 3.867 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

Instrument :

MSVOA_Y

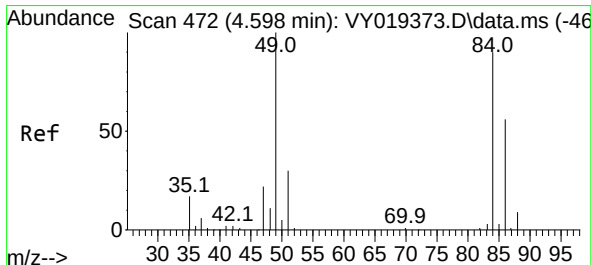
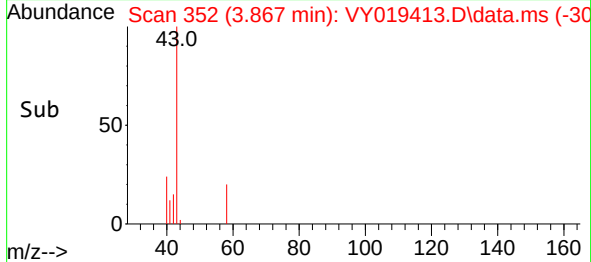
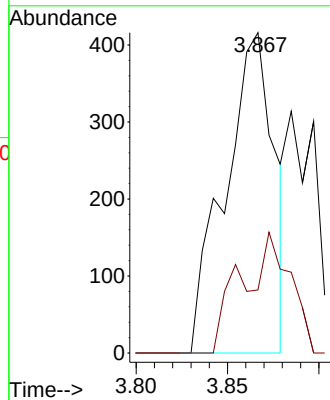
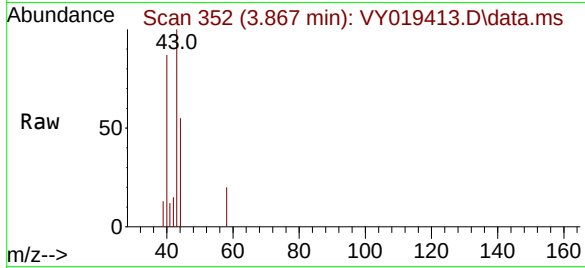
ClientSampleId :

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

43 100

58 19.7 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 474

Delta R.T. 0.012 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

Tgt Ion: 84 Resp: 4219

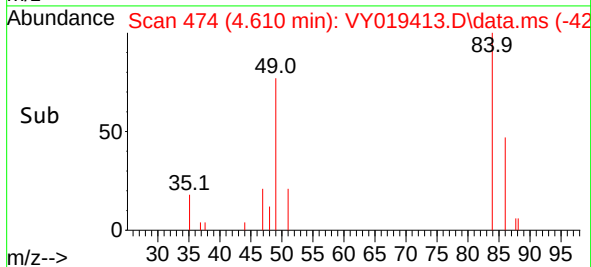
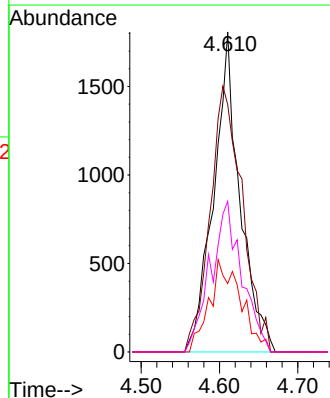
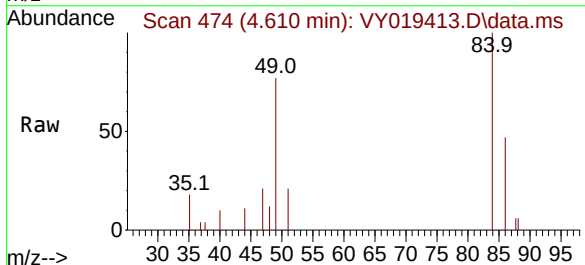
Ion Ratio Lower Upper

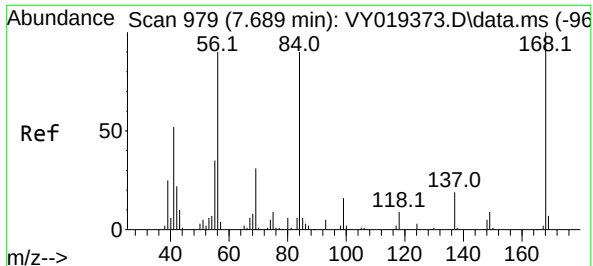
84 100

49 77.3 84.4 126.6#

51 21.4 26.0 39.0#

86 47.1 49.5 74.3#

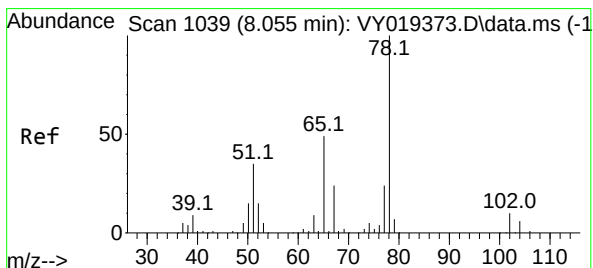
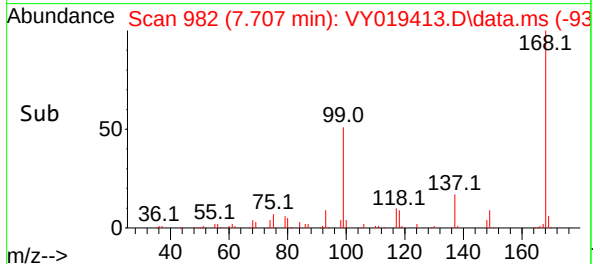
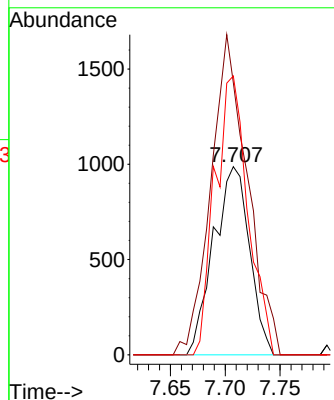
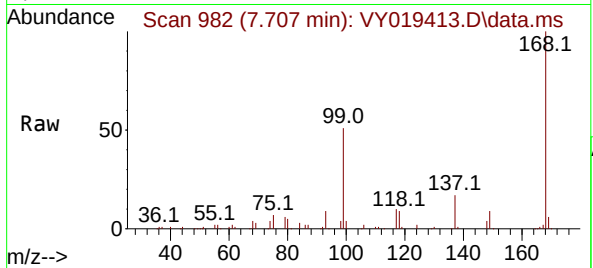




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

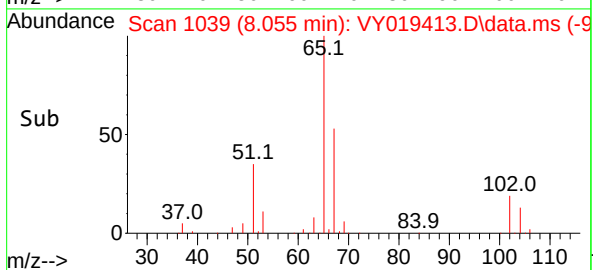
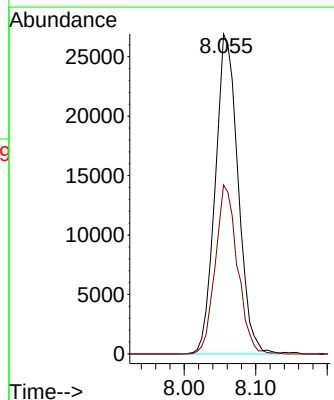
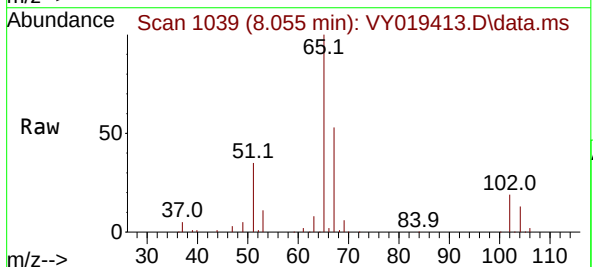
Instrument :
MSVOA_Y
ClientSampleId :

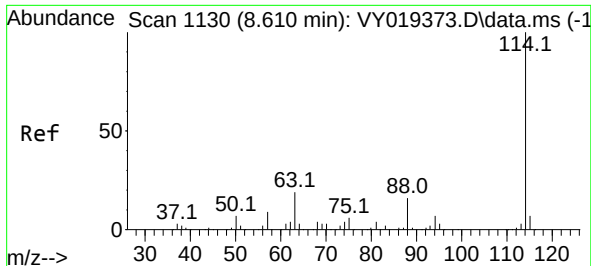
Tgt Ion: 56 Resp: 2247
Ion Ratio Lower Upper
56 100
69 144.6 28.7 43.1#
84 148.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 56.252 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

Tgt Ion: 65 Resp: 59670
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

Instrument :

MSVOA_Y

ClientSampleId :

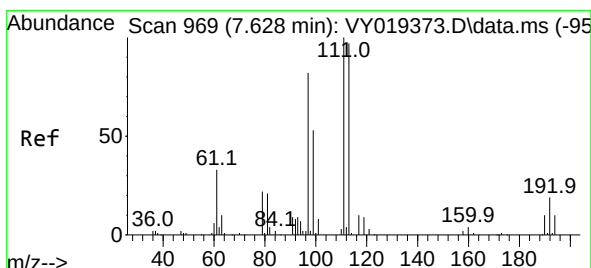
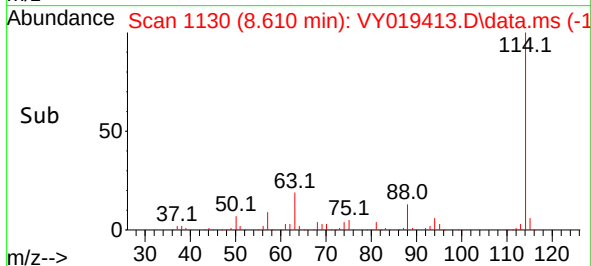
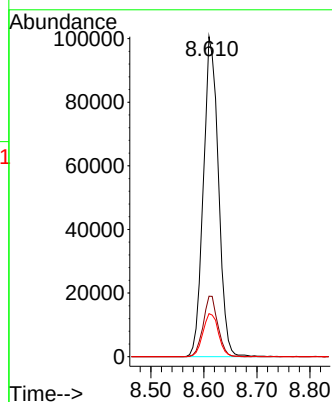
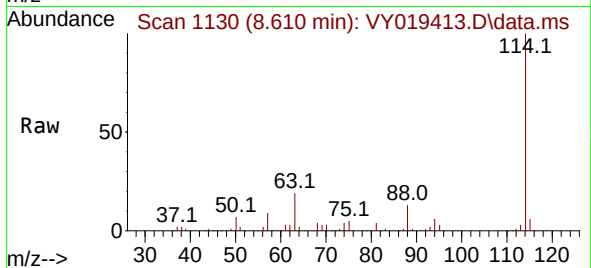
Tgt Ion:114 Resp: 197984

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.084 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

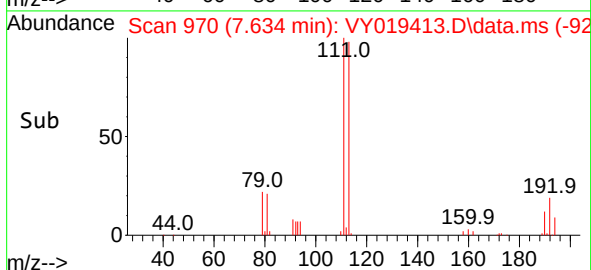
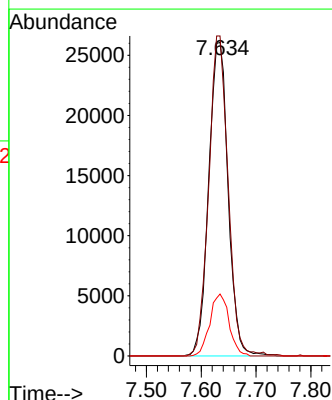
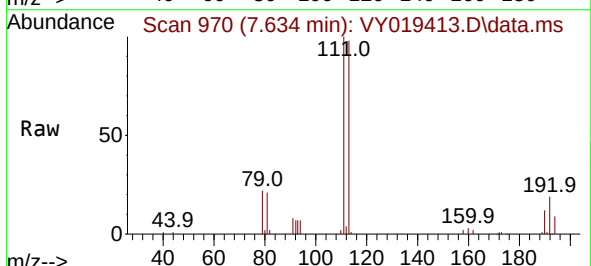
Tgt Ion:113 Resp: 63943

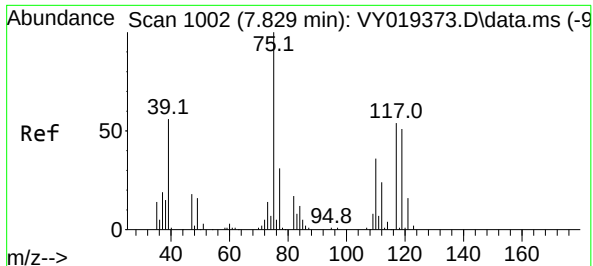
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 19.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.594 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

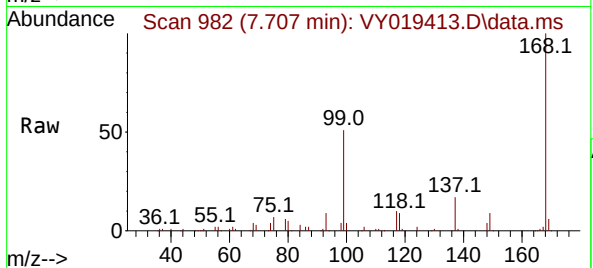
Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

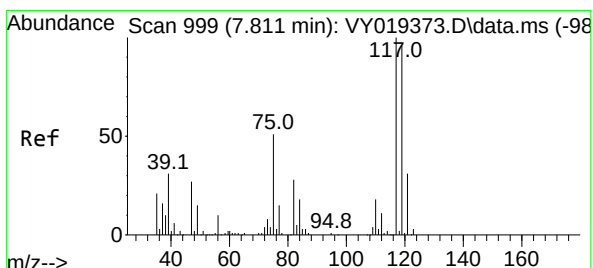
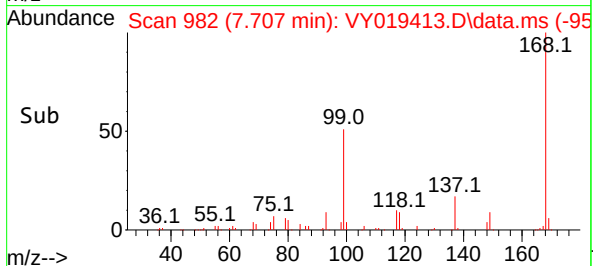
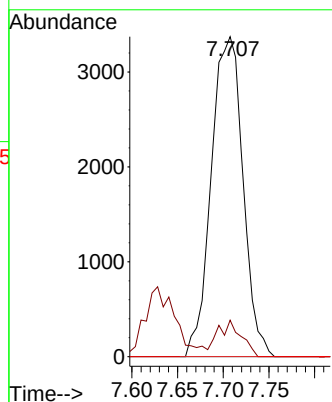
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 8126
Ion Ratio	Lower Upper
75	100
110	8.3 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.063 ug/l

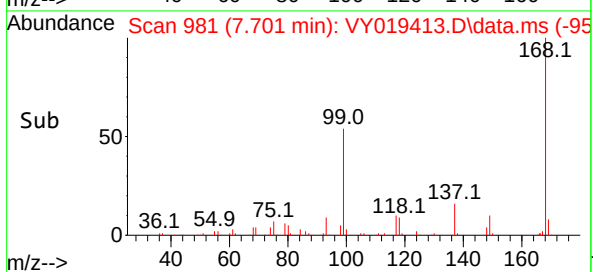
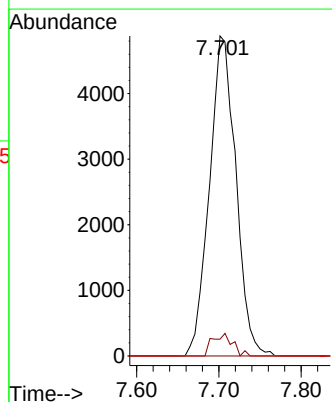
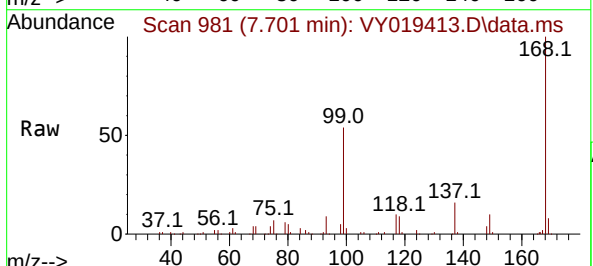
RT: 7.701 min Scan# 981

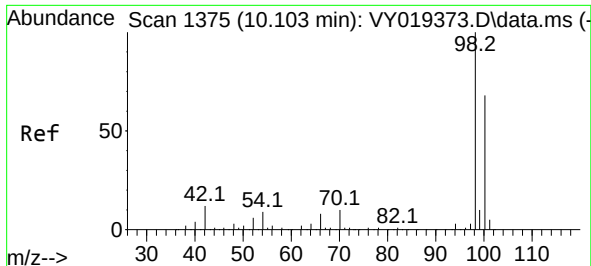
Delta R.T. -0.110 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

Tgt Ion: 117	Resp: 10915
Ion Ratio	Lower Upper
117	100
119	5.2 75.8 113.6#
121	0.0 24.0 36.0#

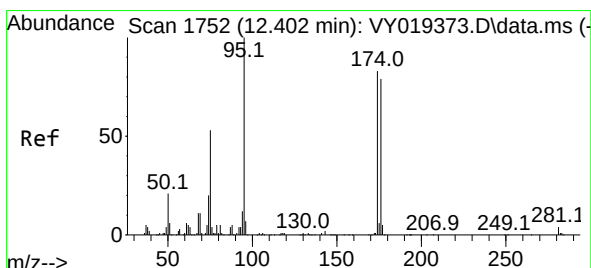
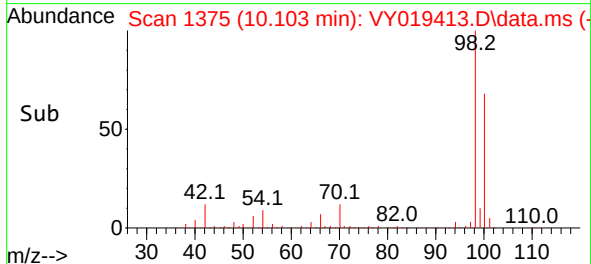
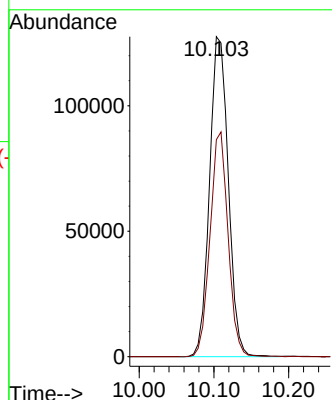
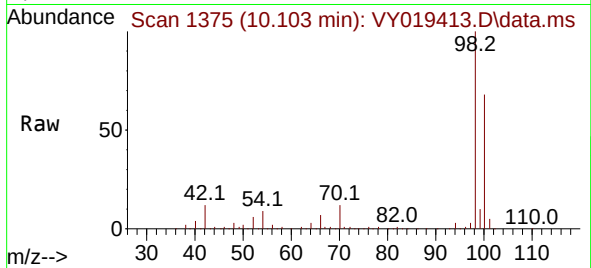




#50
Toluene-d8
Concen: 48.202 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

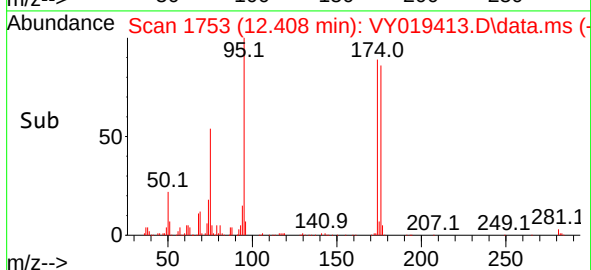
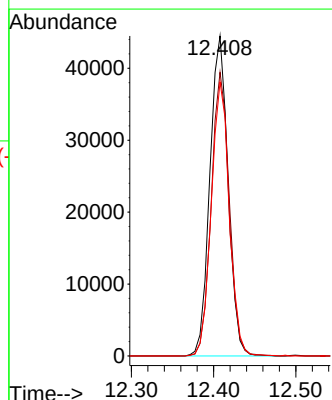
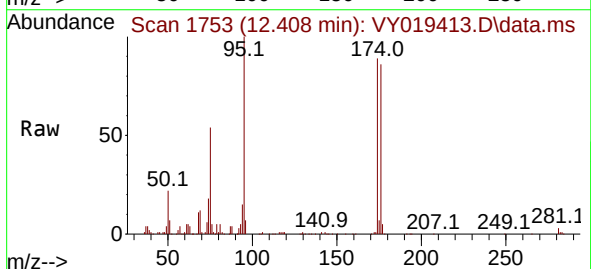
Instrument :
MSVOA_Y
ClientSampleId :

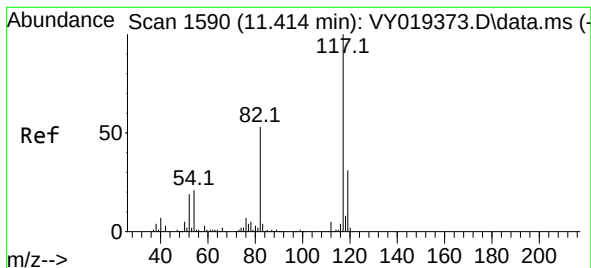
Tgt Ion: 98 Resp: 222106
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.834 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

Tgt Ion: 95 Resp: 68309
Ion Ratio Lower Upper
95 100
174 87.9 0.0 175.6
176 84.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

Instrument :

MSVOA_Y

ClientSampleId :

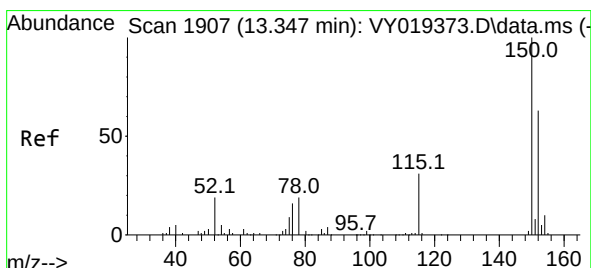
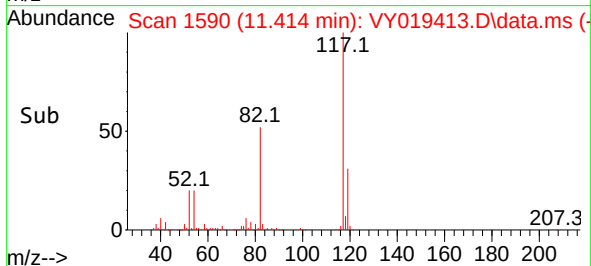
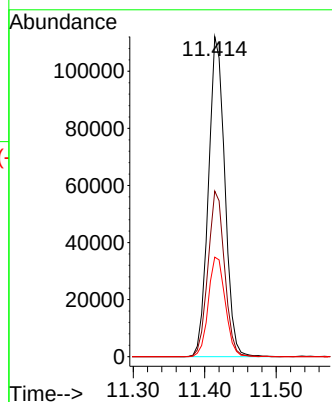
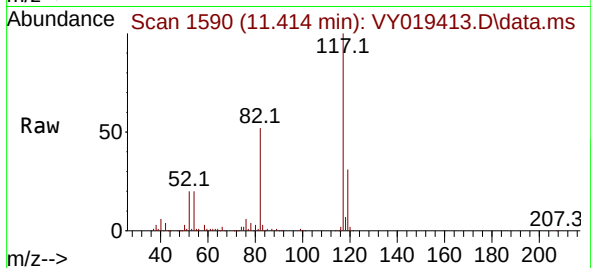
Tgt Ion:117 Resp: 178371

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 31.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019413.D

Acq: 30 Aug 2024 22:04

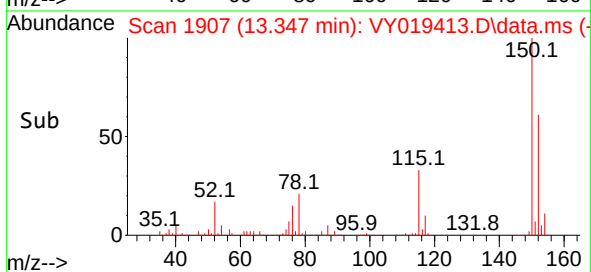
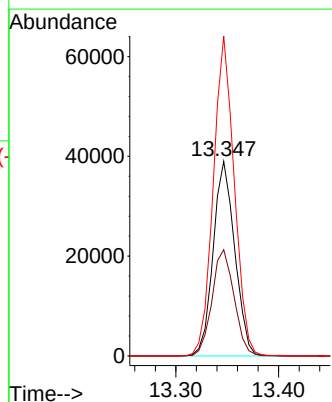
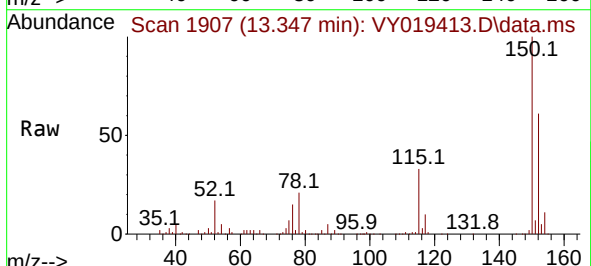
Tgt Ion:152 Resp: 56653

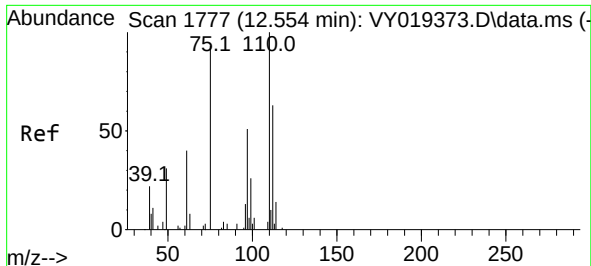
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 160.0 0.0 345.6

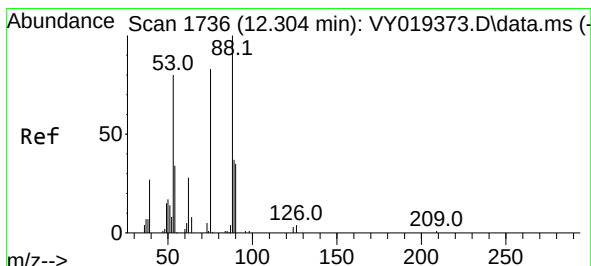
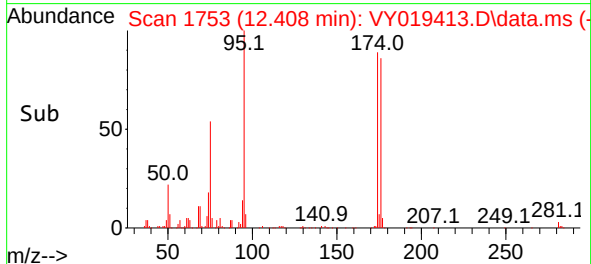
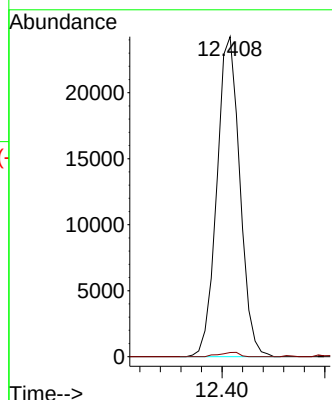
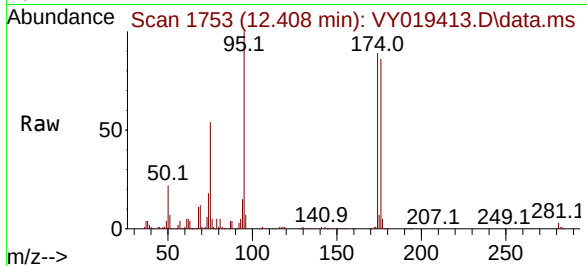




#76
1,2,3-Trichloropropane
Concen: 75.572 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

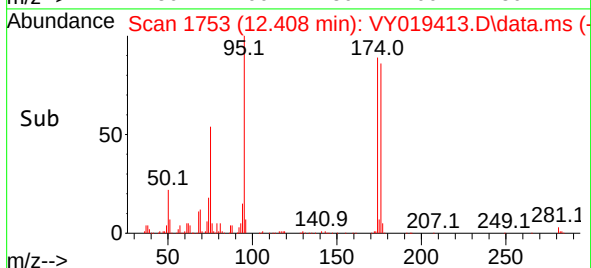
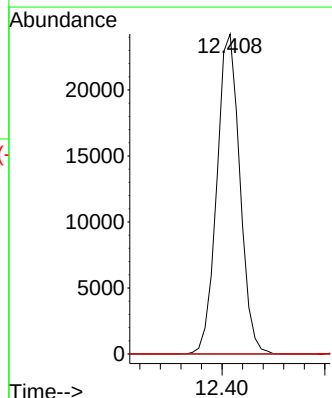
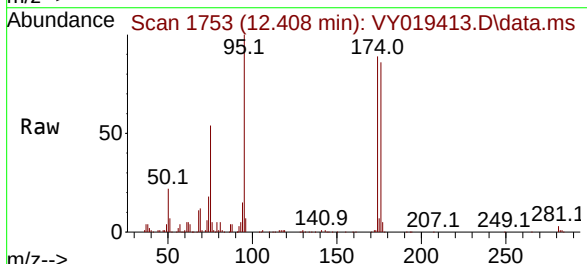
Instrument :
MSVOA_Y
ClientSampleId :

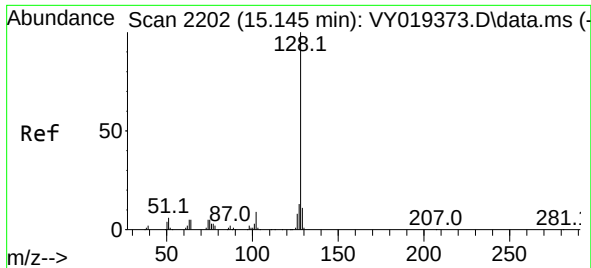
Tgt Ion: 75 Resp: 37599
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 186.970 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

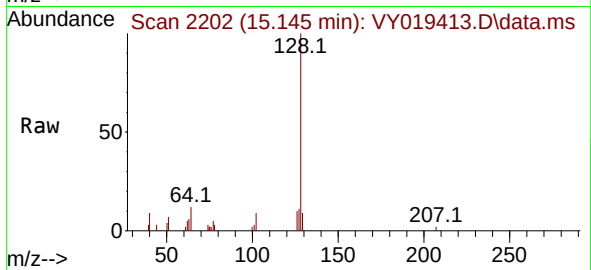
Tgt Ion: 75 Resp: 37599
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 3.746 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019413.D
Acq: 30 Aug 2024 22:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.6	16.0#
129	10.9	8.6	13.0

