

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
 Data File : VW030887.D
 Acq On : 01 Nov 2024 15:47
 Operator : SY/MD
 Sample : P4586-02
 Misc : 5.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EE9

Quant Time: Nov 04 00:55:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	361682	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	338398	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147104	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	87638	15.415	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.680%		
7) Chloroethane-d5	2.899	69	78365	18.210	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.840%		
11) 1,1-Dichloroethene-d2	4.021	65	36483	15.429	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.720%		
21) 2-Butanone-d5	7.075	46	46253	45.209	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.420%		
24) Chloroform-d	7.648	84	205528	19.870	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.480%		
26) 1,2-Dichloroethane-d4	8.307	65	112415	20.901	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.600%		
32) Benzene-d6	8.276	84	352948	17.970	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.880%		
36) 1,2-Dichloropropane-d6	9.270	67	116392	20.191	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	80.760%		
41) Toluene-d8	10.324	98	305033	17.013	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	68.040%		
43) trans-1,3-Dichloroprop...	10.581	79	44193	18.308	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.240%		
47) 2-Hexanone-d5	10.922	63	33778	45.493	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.980%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93550	22.097	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.400%		
66) 1,2-Dichlorobenzene-d4	13.848	152	113379	22.779	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.120%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	3.265	101	1788	0.303	ug/L #	84
17) trans-1,2-Dichloroethene	5.429	96	1685	0.322	ug/L	92
31) Carbon tetrachloride	8.069	117	3059	0.381	ug/L	95
34) Trichloroethene	9.093	95	2239	0.365	ug/L	91
35) Methylcyclohexane	9.337	83	3073	0.319	ug/L #	72
42) Toluene	10.392	91	8321	0.354	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	1552	0.390	ug/L #	82
46) Tetrachloroethene	10.855	164	1785	0.395	ug/L #	71
51) Chlorobenzene	11.653	112	5487	0.363	ug/L #	83
52) Ethylbenzene	11.727	91	7912	0.295	ug/L	97
53) m,p-Xylene	11.842	106	2744	0.273	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.714	83	2190	0.489	ug/L #	74
64) 1,3-Dichlorobenzene	13.495	146	3767	0.380	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	4268	0.417	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	3652	0.419	ug/L #	91
72) 1,2,3-Trichlorobenzene	15.549	180	1501	0.329	ug/L #	40

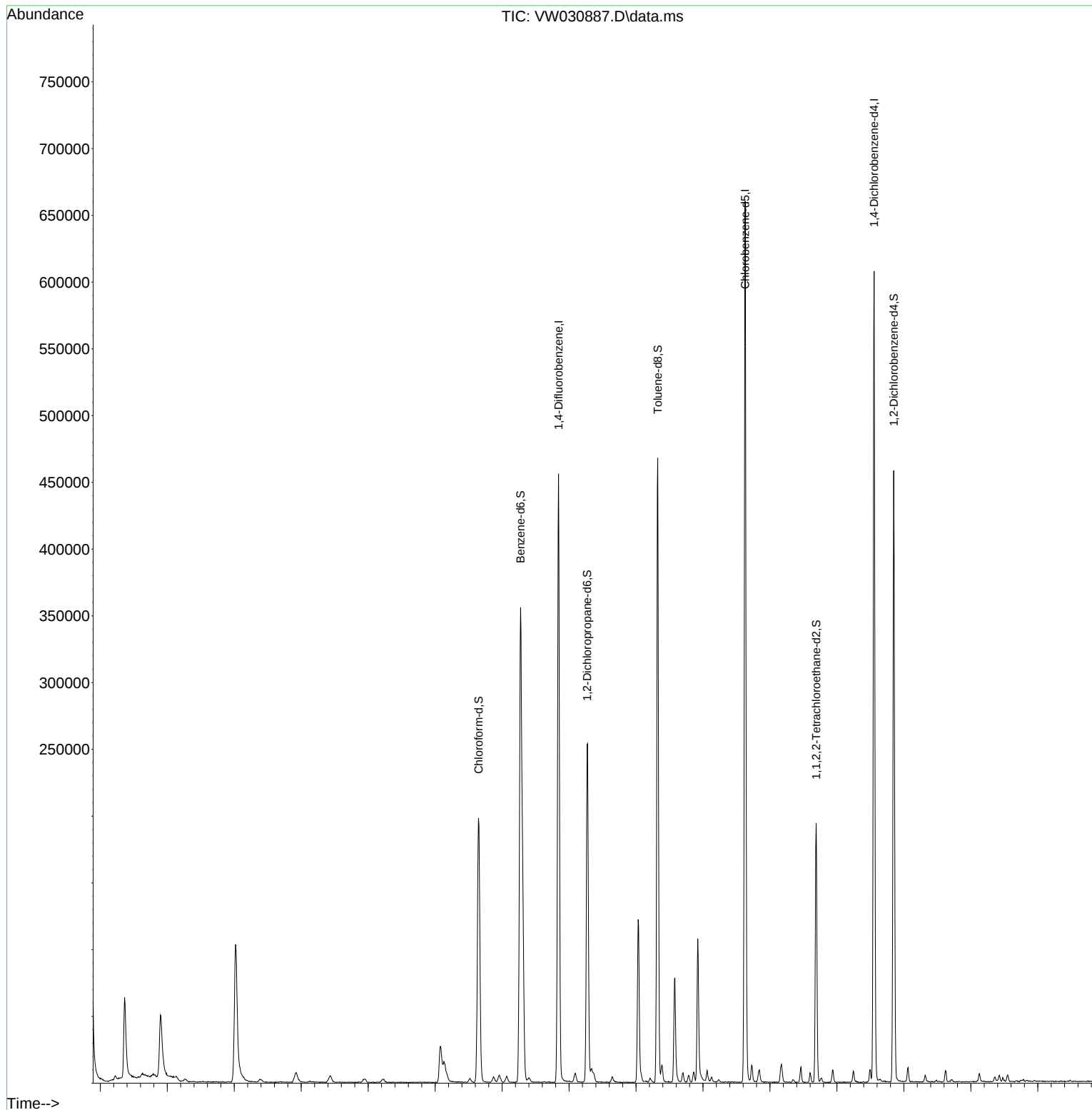
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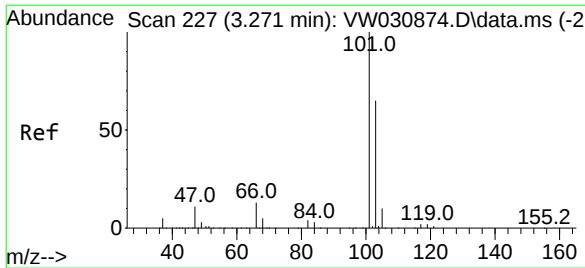
Instrument :
MSVOA_W
ClientSampleId :
A4EE9

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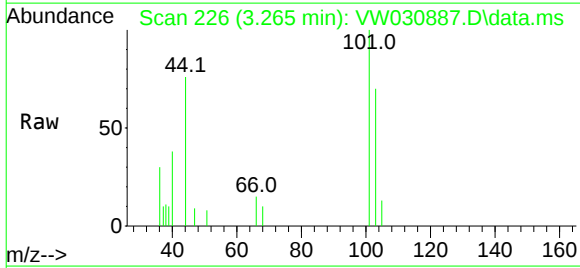
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Quant Title : SFAM01.0
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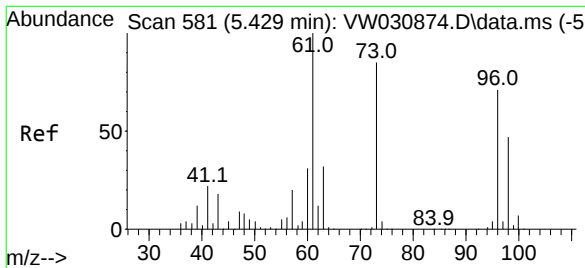
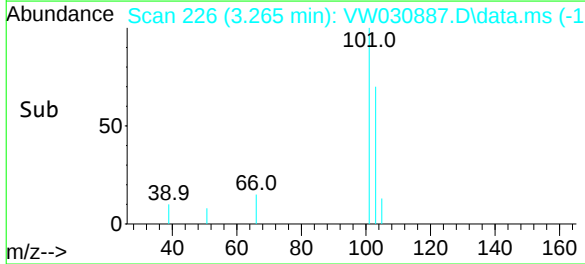
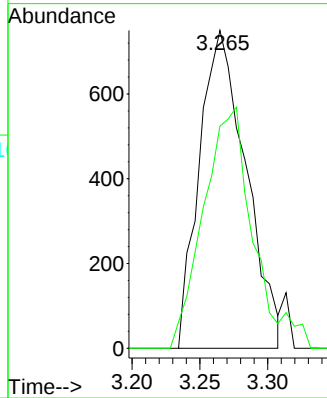


#9
 Trichlorofluoromethane
 Concen: 0.303 ug/L
 RT: 3.265 min Scan# 227
 Delta R.T. -0.006 min
 Lab File: VW030887.D
 Acq: 01 Nov 2024 15:47

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EE9

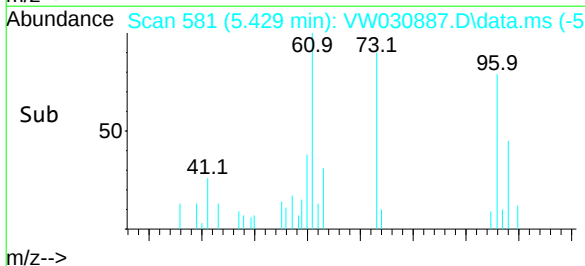
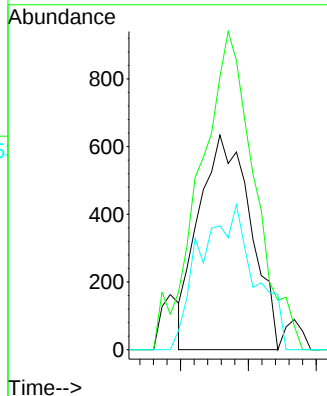
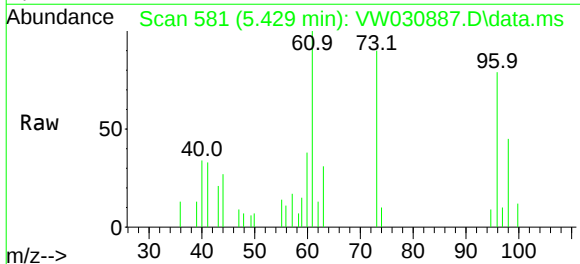


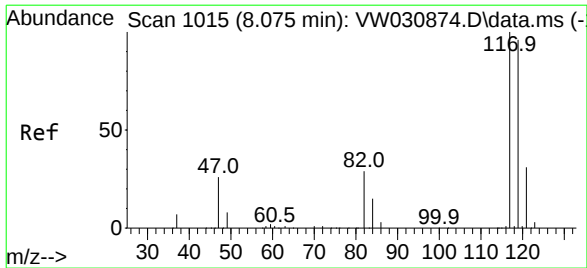
Tgt Ion: 101 Resp: 1788
 Ion Ratio Lower Upper
 101 100
 103 76.8 51.1 76.7#



#17
 trans-1,2-Dichloroethene
 Concen: 0.322 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: VW030887.D
 Acq: 01 Nov 2024 15:47

Tgt Ion: 96 Resp: 1685
 Ion Ratio Lower Upper
 96 100
 61 127.1 96.9 179.9
 98 57.7 42.2 78.4





#31

Carbon tetrachloride

Concen: 0.381 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW030887.D

Acq: 01 Nov 2024 15:47

Instrument :

MSVOA_W

ClientSampleId :

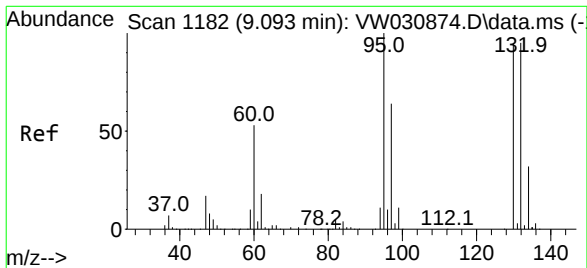
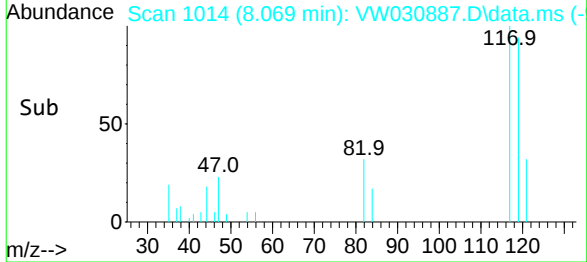
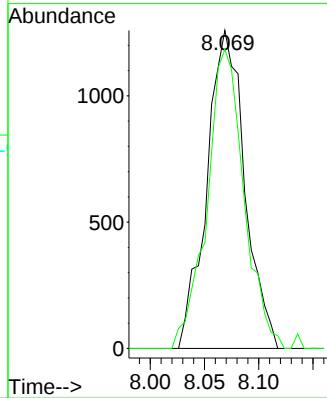
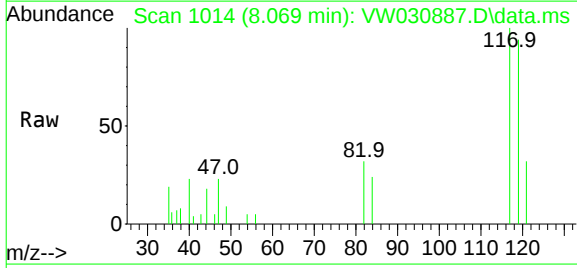
A4EE9

Tgt Ion:117 Resp: 3059

Ion Ratio Lower Upper

117 100

119 91.9 77.8 116.8



#34

Trichloroethene

Concen: 0.365 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030887.D

Acq: 01 Nov 2024 15:47

Tgt Ion: 95 Resp: 2239

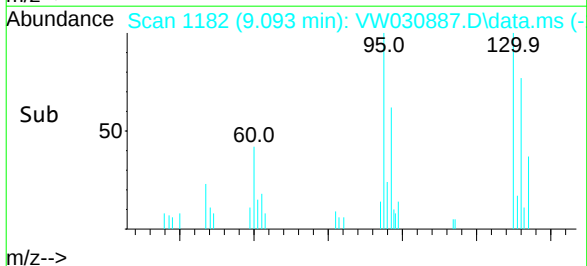
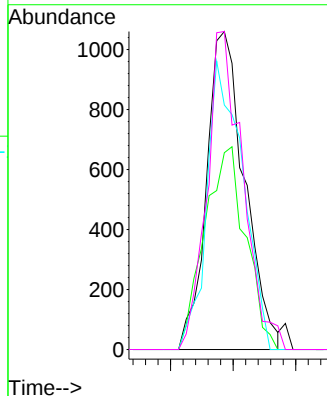
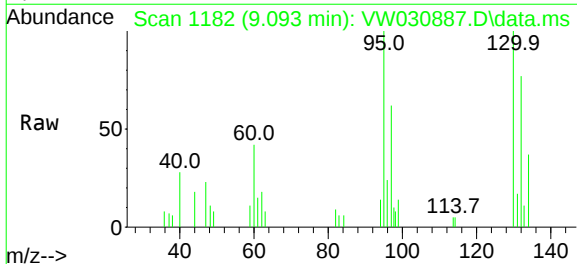
Ion Ratio Lower Upper

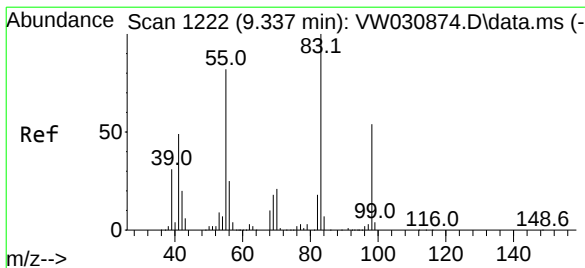
95 100

97 72.2 45.9 85.3

132 76.9 66.4 123.2

130 100.0 70.4 130.8





#35

Methylcyclohexane

Concen: 0.319 ug/L

RT: 9.337 min Scan# 12

Delta R.T. 0.006 min

Lab File: VW030887.D

Acq: 01 Nov 2024 15:47

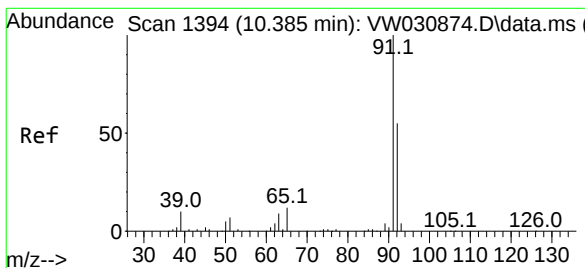
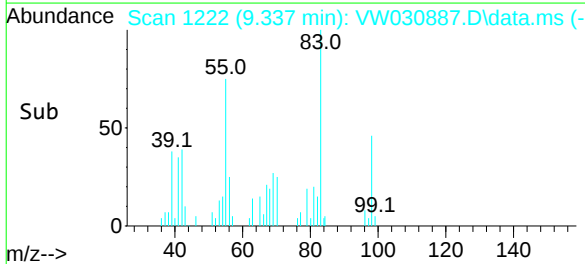
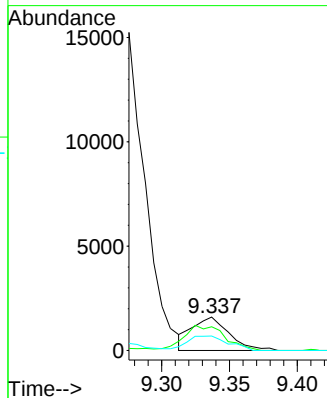
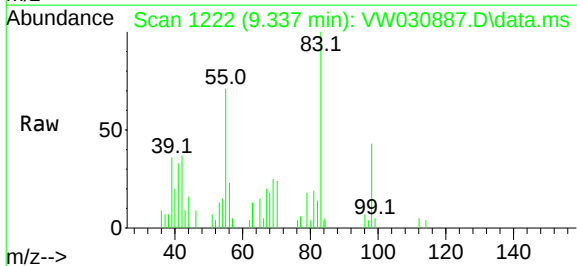
Instrument :

MSVOA_W

ClientSampleId :

A4EE9

Tgt Ion: 83	Resp: 3073
Ion Ratio	Lower Upper
83 100	
55 39.3	61.8 92.8#
98 47.3	39.3 58.9



#42

Toluene

Concen: 0.354 ug/L

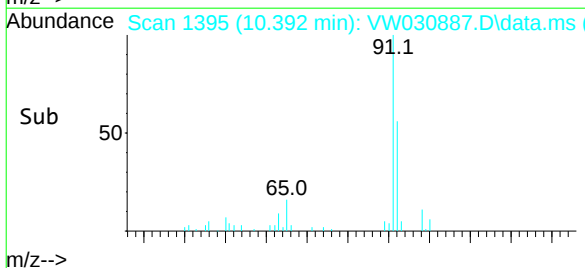
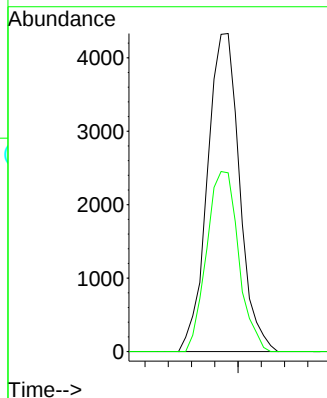
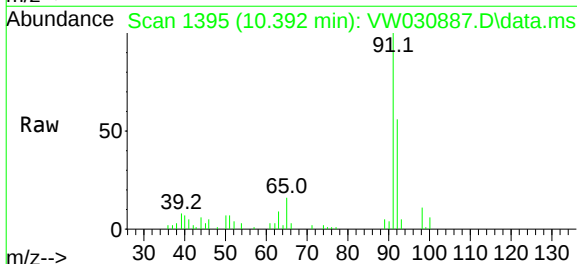
RT: 10.392 min Scan# 1395

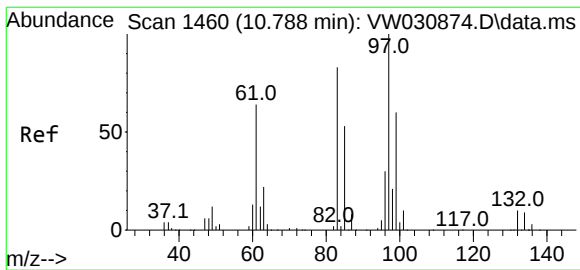
Delta R.T. 0.006 min

Lab File: VW030887.D

Acq: 01 Nov 2024 15:47

Tgt Ion: 91	Resp: 8321
Ion Ratio	Lower Upper
91 100	
92 56.2	40.3 74.8

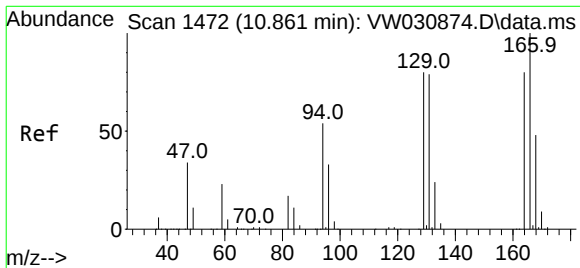
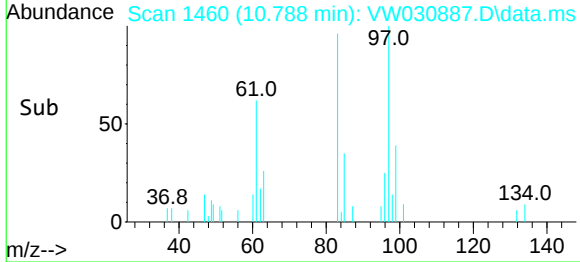
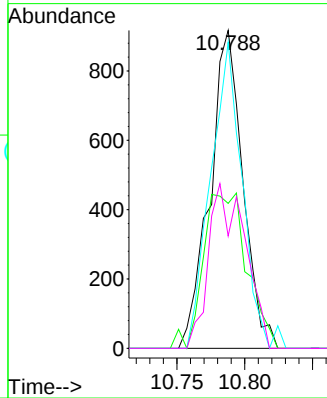
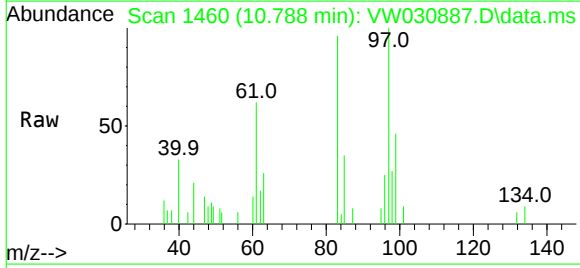




#45
1,1,2-Trichloroethane
Concen: 0.390 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47

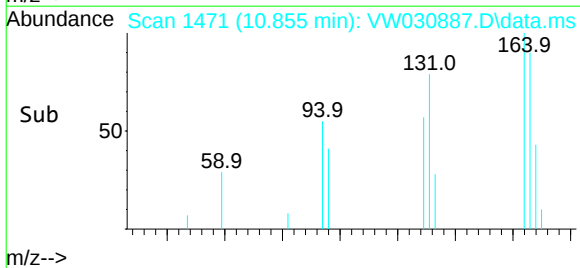
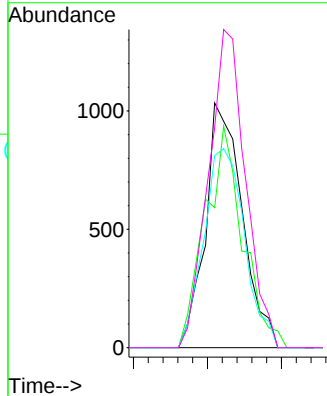
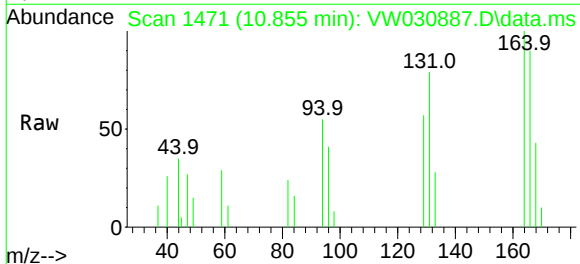
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MSVOA_W
ClientSampleId :
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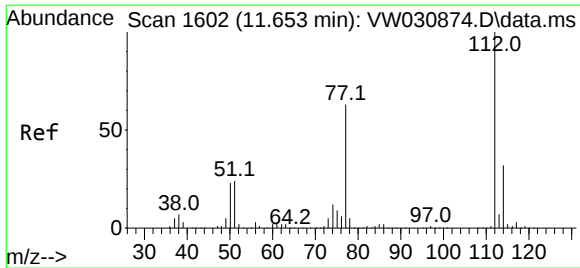
Tgt Ion:	97	Resp:	1552
Ion	Ratio	Lower	Upper
97	100		
99	45.6	41.2	76.6
83	96.3	59.6	110.6
85	35.3	37.7	69.9



#46
Tetrachloroethene
Concen: 0.395 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47

Tgt Ion:	164	Resp:	1785
Ion	Ratio	Lower	Upper
164	100		
129	57.2	66.6	123.6
131	78.5	63.7	118.3
166	89.8	88.7	164.7

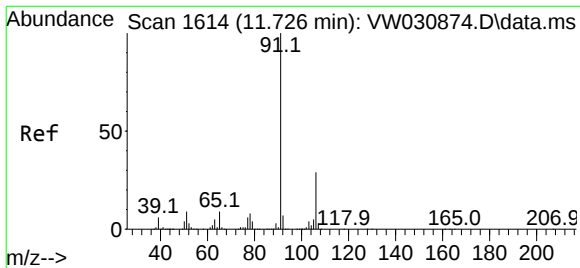
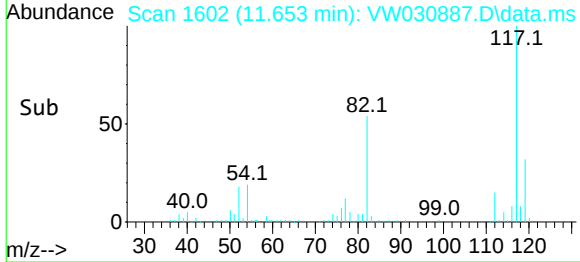
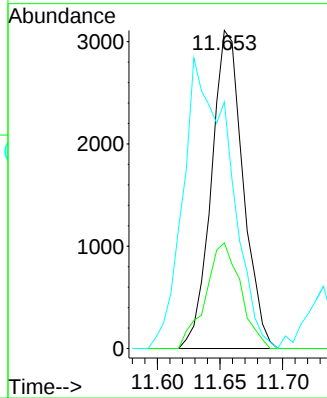
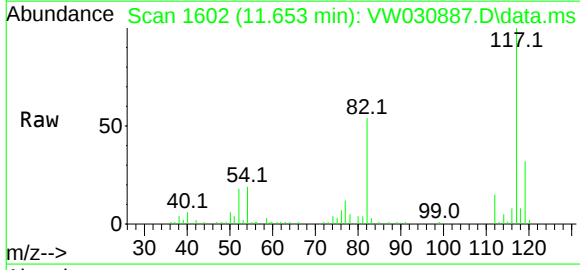




#51
Chlorobenzene
Concen: 0.363 ug/L
RT: 11.653 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47

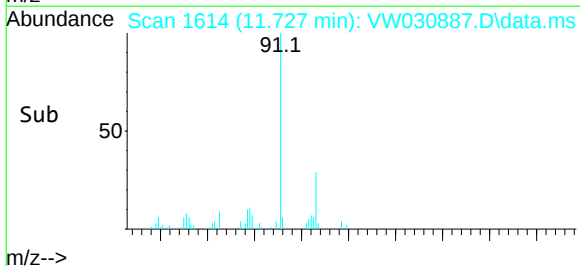
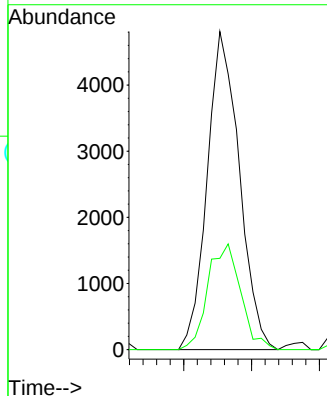
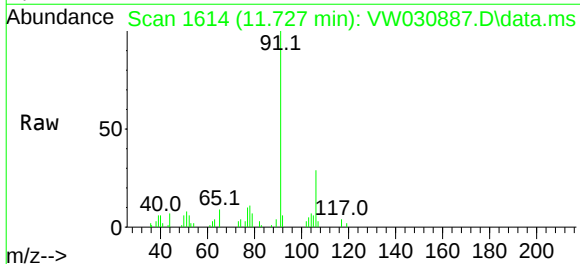
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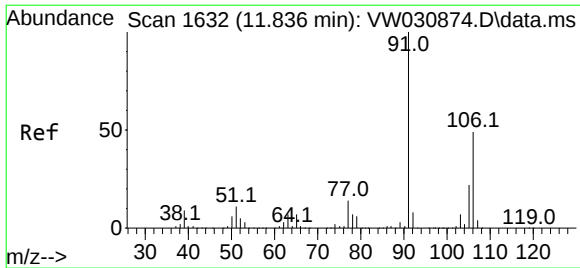
Tgt Ion:	112	Resp:	5487
Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.4	41.6
77	77.5	47.1	70.7



#52
Ethylbenzene
Concen: 0.295 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47

Tgt Ion:	91	Resp:	7912
Ion	Ratio	Lower	Upper
91	100		
106	28.7	21.1	39.1

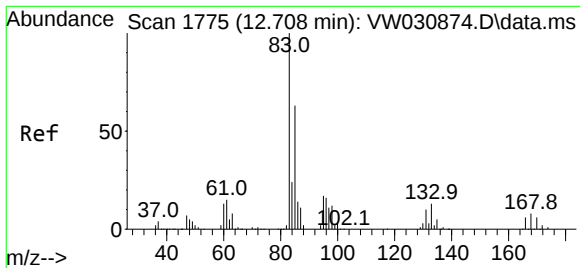
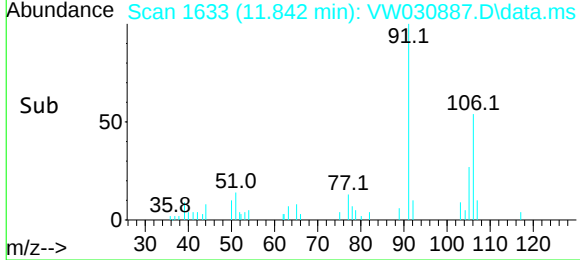
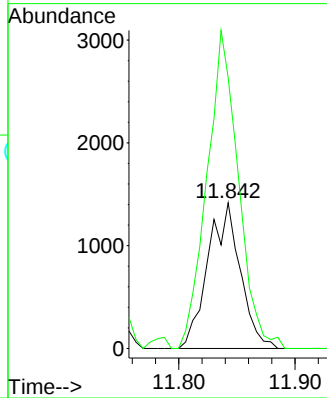
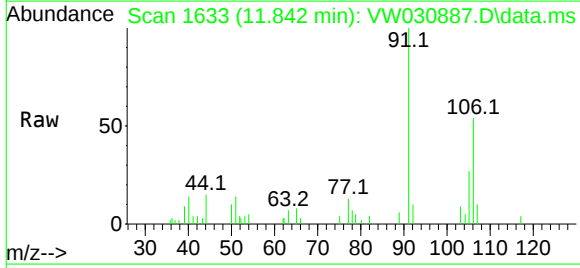




#53
m,p-Xylene
Concen: 0.273 ug/L
RT: 11.842 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47

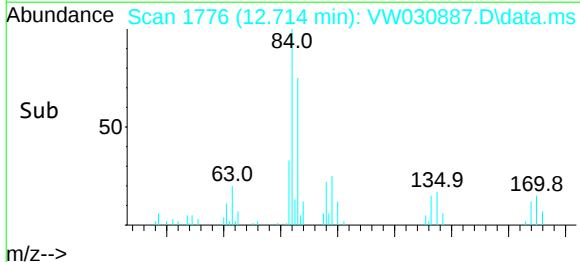
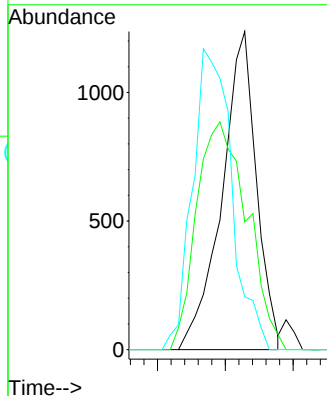
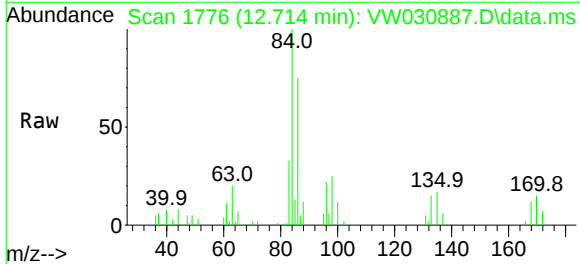
Instrument :
MSVOA_W
ClientSampleId :
A4EE9

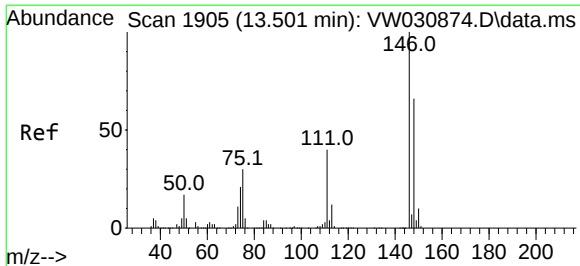
Tgt Ion: 106 Resp: 2744
Ion Ratio Lower Upper
106 100
91 185.9 140.6 261.2



#57
1,1,2,2-Tetrachloroethane
Concen: 0.489 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47

Tgt Ion: 83 Resp: 2190
Ion Ratio Lower Upper
83 100
85 40.2 42.6 79.2#
131 16.7 7.4 11.0#

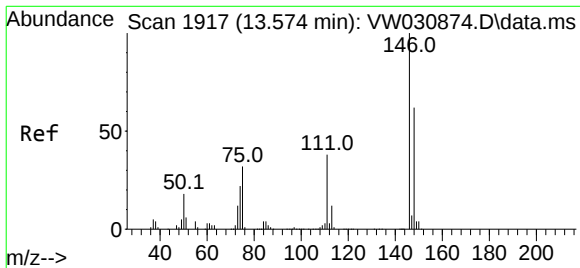
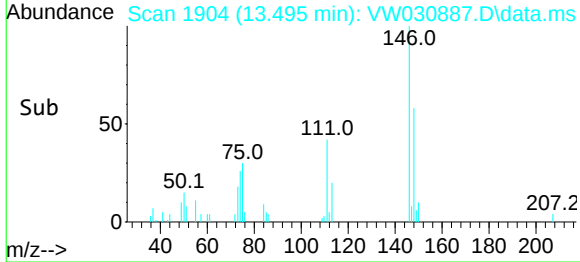
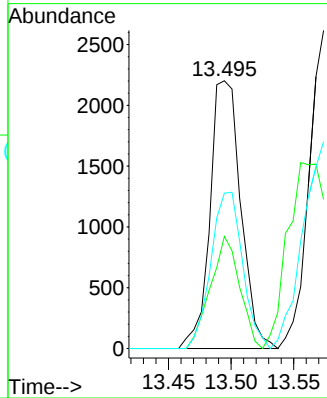
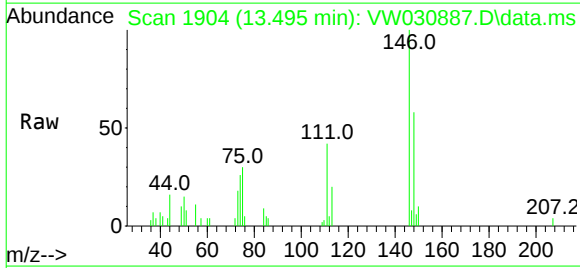




#64
1,3-Dichlorobenzene
Concen: 0.380 ug/L
RT: 13.495 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47

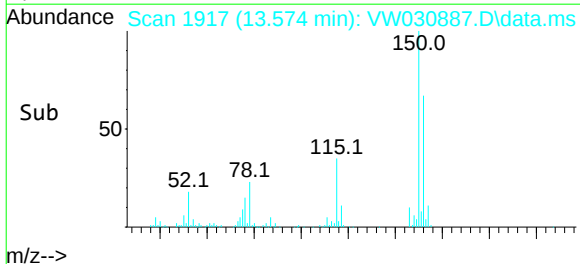
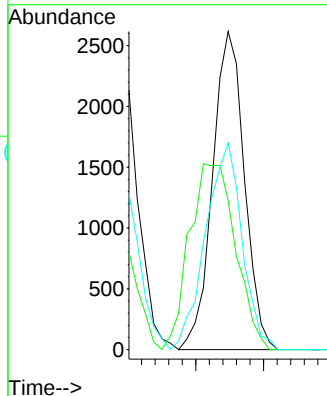
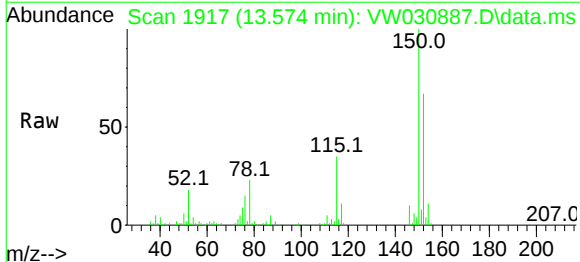
Instrument :
MSVOA_W
ClientSampleId :
A4EE9

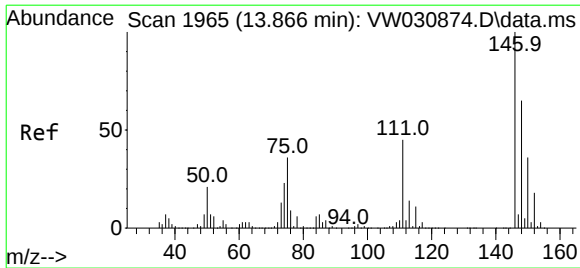
Tgt Ion:	146	Resp:	3767
Ion	Ratio	Lower	Upper
146	100		
111	41.9	31.2	58.0
148	58.0	45.7	84.9



#65
1,4-Dichlorobenzene
Concen: 0.417 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47

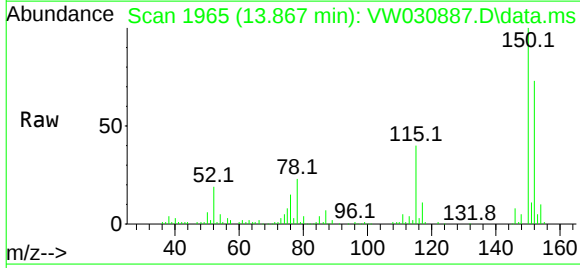
Tgt Ion:	146	Resp:	4268
Ion	Ratio	Lower	Upper
146	100		
111	46.9	26.8	49.8
148	65.0	41.0	76.2



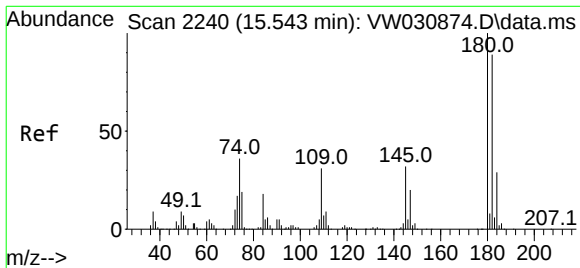
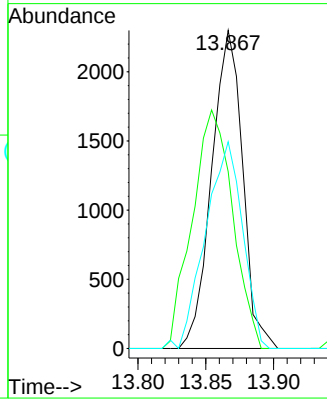
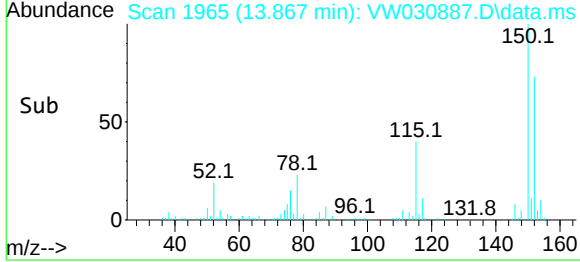


#67
1,2-Dichlorobenzene
Concen: 0.419 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47

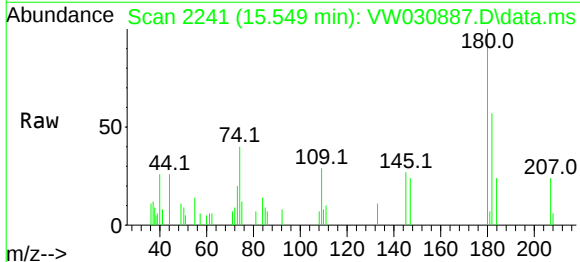
Instrument :
MSVOA_W
ClientSampleId :
A4EE9



Tgt Ion:146 Resp: 3652
Ion Ratio Lower Upper
146 100
111 55.6 34.6 52.0#
148 65.0 53.3 79.9



#72
1,2,3-Trichlorobenzene
Concen: 0.329 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030887.D
Acq: 01 Nov 2024 15:47



Tgt Ion:180 Resp: 1501
Ion Ratio Lower Upper
180 100
182 37.3 76.2 114.4#
145 0.0 27.4 41.2#

