

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031405.D
 Acq On : 20 Dec 2024 00:32
 Operator : SY/MD
 Sample : P5333-07
 Misc : 6.98g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 04:10:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 03:08:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	94288	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	21560	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	4525	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	115825	81.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	326.560%#
7) Chloroethane-d5	2.893	69	75534	71.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	287.920%#
11) 1,1-Dichloroethene-d2	4.015	65	24375	36.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	144.880%#
21) 2-Butanone-d5	7.100	46	64964	243.155	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	486.300%#
24) Chloroform-d	7.648	84	64677	25.036	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.160%
26) 1,2-Dichloroethane-d4	8.307	65	43449	33.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	133.960%#
32) Benzene-d6	8.270	84	104633	75.718	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	302.880%#
36) 1,2-Dichloropropane-d6	9.270	67	30633	76.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	304.240%#
41) Toluene-d8	10.319	98	32817	25.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.120%
43) trans-1,3-Dichloroprop...	10.575	79	4483	24.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.560%
47) 2-Hexanone-d5	10.922	63	14558	268.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	537.580%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19977	79.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	316.000%#
66) 1,2-Dichlorobenzene-d4	13.849	152	2816	16.763	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.040%#
Target Compounds						Qvalue
3) Chloromethane	2.204	50	564	0.589	ug/L	87
13) Acetone	4.155	43	3512	9.439	ug/L #	100
14) Carbon disulfide	4.387	76	3420	0.907	ug/L	99
15) Methyl Acetate	4.692	43	3437	8.133	ug/L	90
22) 2-Butanone	7.197	43	1056	2.342	ug/L	90
34) Trichloroethene	8.843	95	3051	8.111	ug/L #	3
35) Methylcyclohexane	9.276	83	7655	11.686	ug/L #	19
44) trans-1,3-Dichloropropene	10.581	75	295	0.643	ug/L #	77
45) 1,1,2-Trichloroethane	10.697	97	351	1.588	ug/L #	24
61) 1,2,3-Trichloropropane	12.623	75	60	0.775	ug/L #	15
62) 1,3,5-Trimethylbenzene	13.239	105	404	0.644	ug/L	86
63) 1,2,4-Trimethylbenzene	13.239	105	404	0.666	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	274	0.922	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.629	180	90	0.428	ug/L #	19
70) 1,2,4-trichlorobenzene	15.123	180	149	0.852	ug/L #	75
71) Naphthalene	15.354	128	432	1.410	ug/L #	80
72) 1,2,3-Trichlorobenzene	15.543	180	130	0.923	ug/L #	30

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ClientSampleId :

Quant Time: Dec 20 04:10:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 20 03:08:41 2024
Response via : Initial Calibration

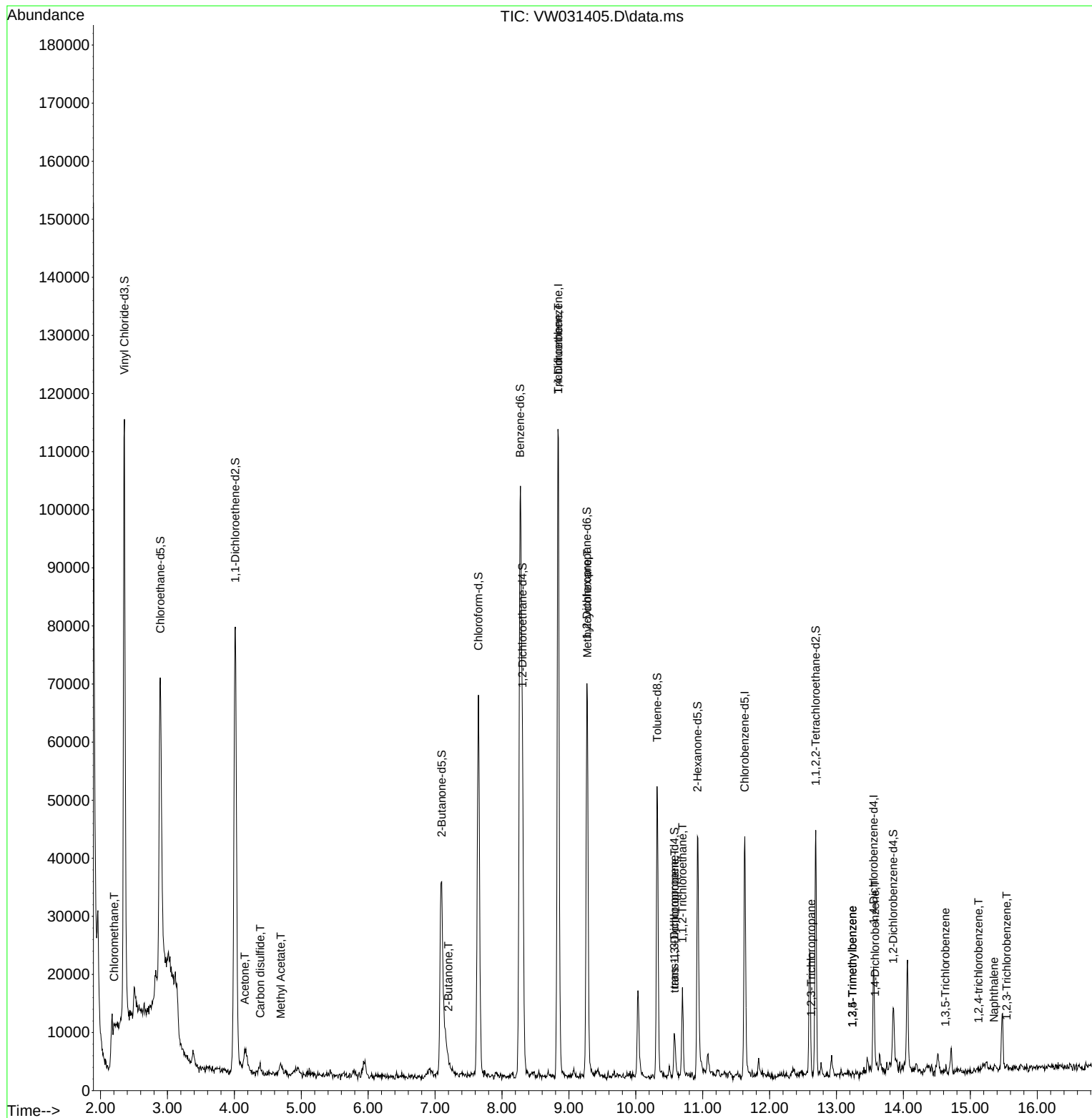
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

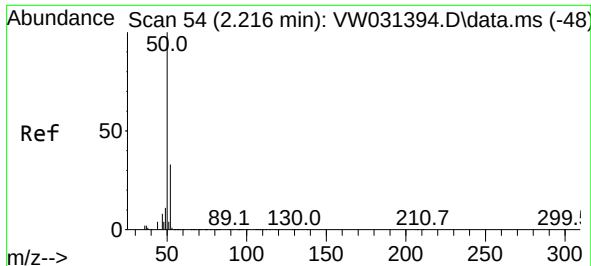
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Fri Dec 20 03:08:41 2024
Response via : Initial Calibration

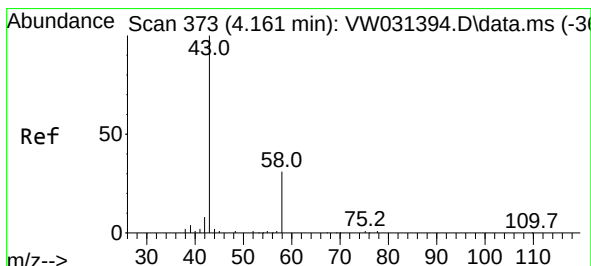
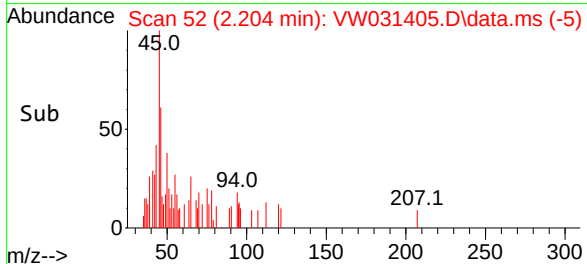
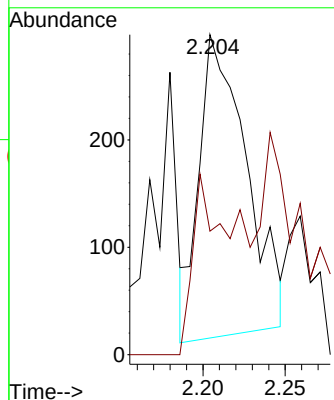
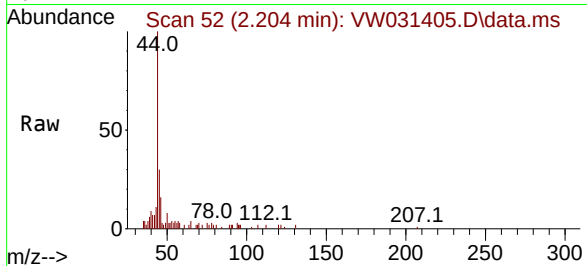




#3
Chloromethane
Concen: 0.589 ug/L
RT: 2.204 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

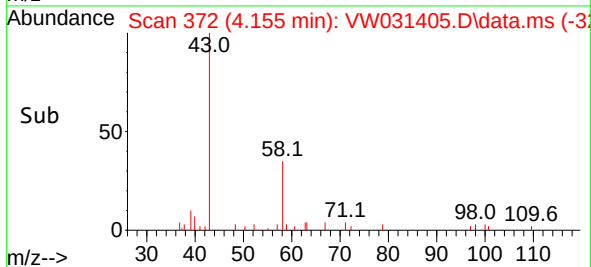
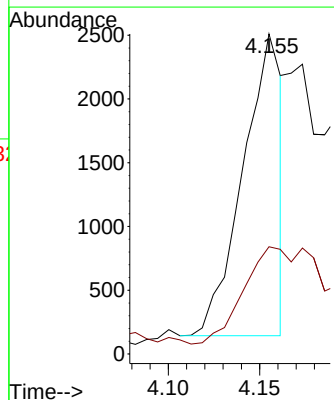
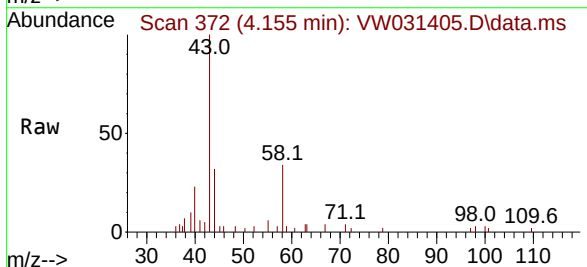
Instrument :
MSVOA_W
ClientSampleId :

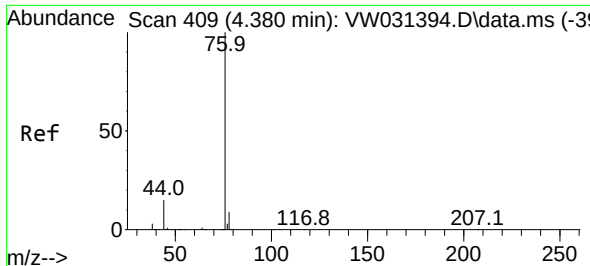
Tgt Ion: 50 Resp: 564
Ion Ratio Lower Upper
50 100
52 38.6 22.0 41.0



#13
Acetone
Concen: 9.439 ug/L
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

Tgt Ion: 43 Resp: 3512
Ion Ratio Lower Upper
43 100
58 39.5 0.0 0.0#

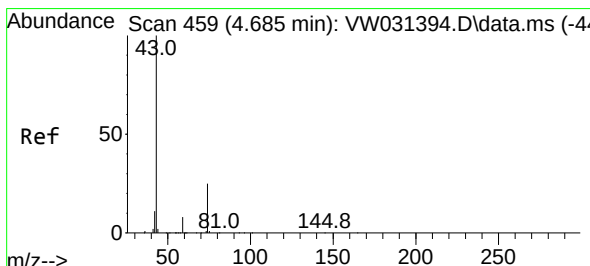
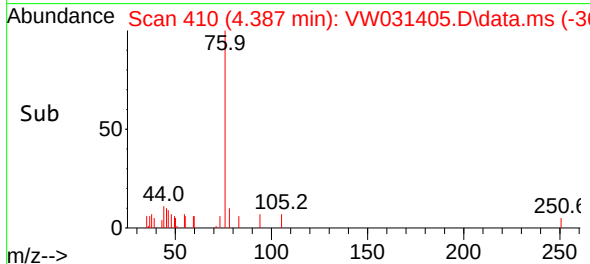
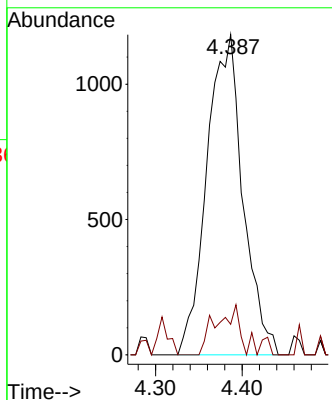
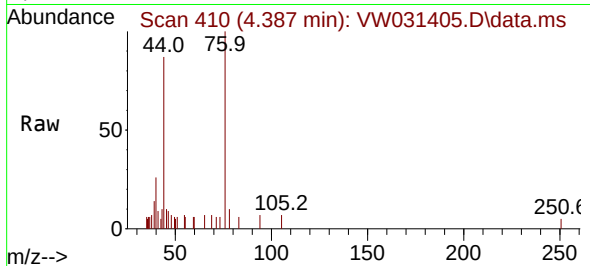




#14
Carbon disulfide
Concen: 0.907 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

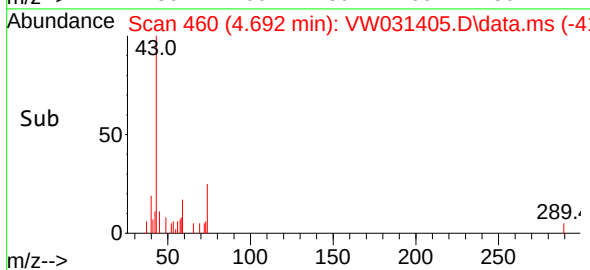
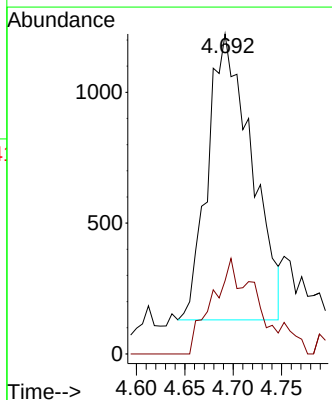
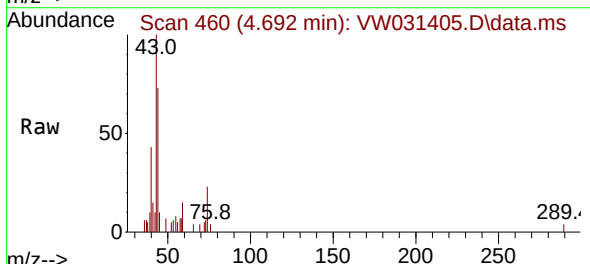
Instrument :
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ClientSampleId :

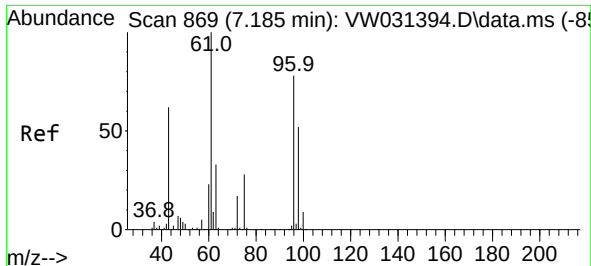
Tgt Ion: 76 Resp: 3420
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#15
Methyl Acetate
Concen: 8.133 ug/L
RT: 4.692 min Scan# 460
Delta R.T. 0.006 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

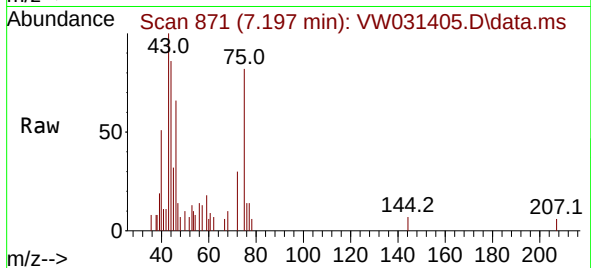
Tgt Ion: 43 Resp: 3437
Ion Ratio Lower Upper
43 100
74 18.9 18.9 28.3



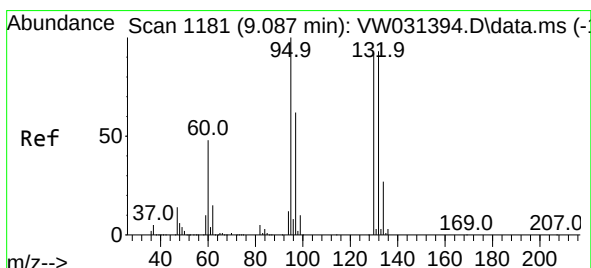
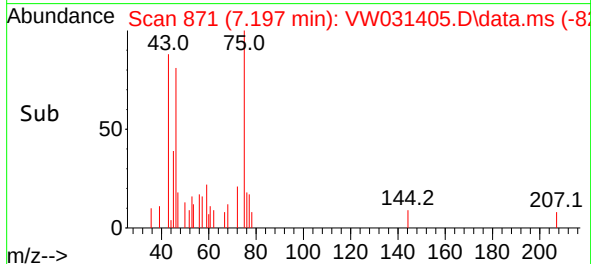
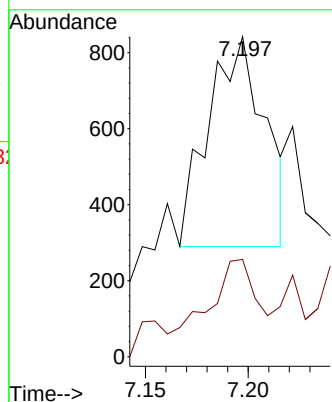


#22
2-Butanone
Concen: 2.342 ug/L
RT: 7.197 min Scan# 81
Delta R.T. 0.013 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

Instrument :
MSVOA_W
ClientSampleId :

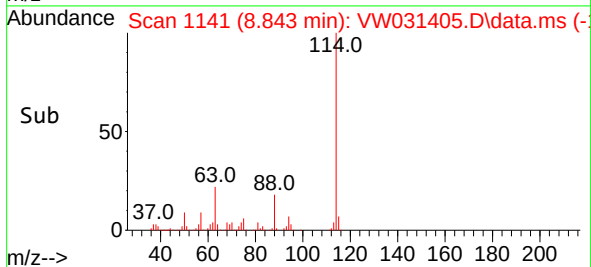
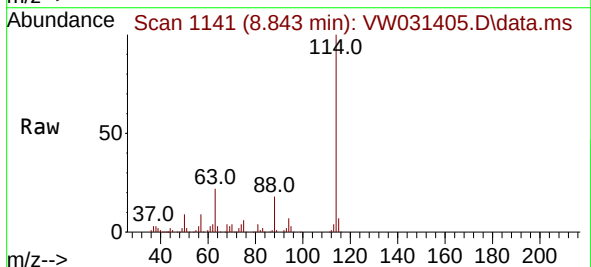
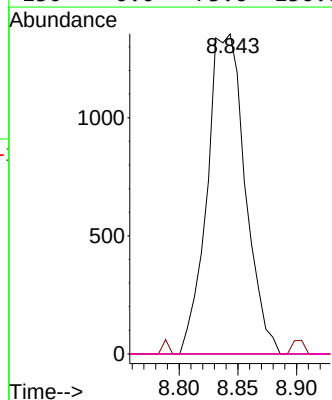


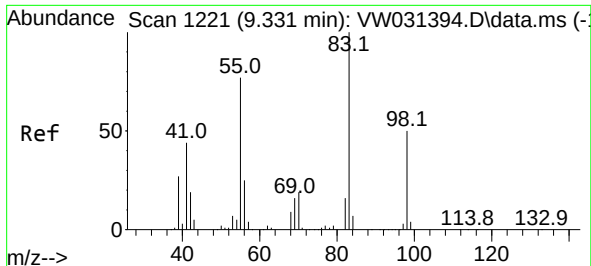
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
72 31.4 13.3 39.8



#34
Trichloroethene
Concen: 8.111 ug/L
RT: 8.843 min Scan# 1141
Delta R.T. -0.243 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

Tgt Ion: 95 Resp: 3051
Ion Ratio Lower Upper
95 100
97 0.0 46.5 86.3#
132 0.0 70.3 130.5#
130 0.0 73.6 136.8#

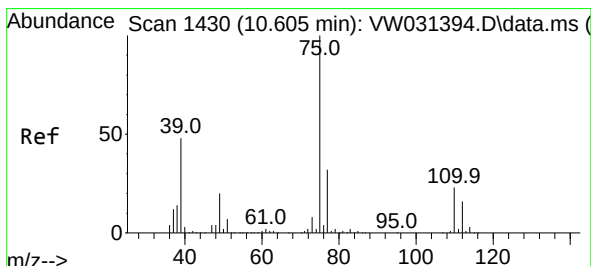
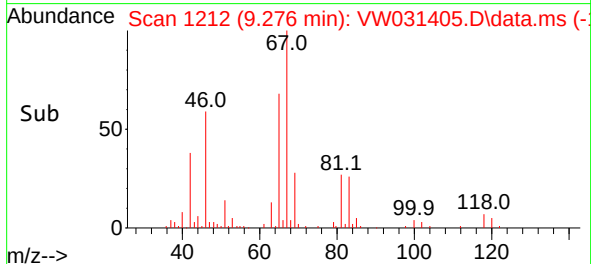
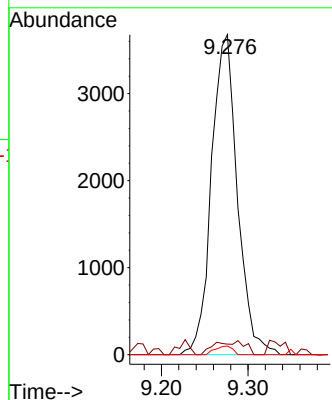
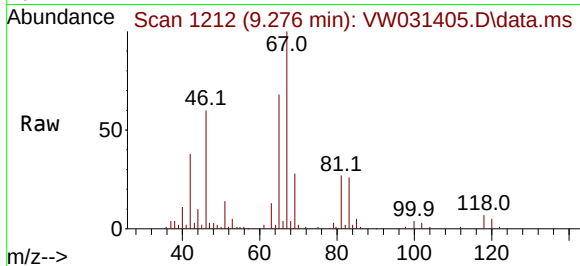




#35
Methylcyclohexane
Concen: 11.686 ug/L
RT: 9.276 min Scan# 11
Delta R.T. -0.054 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

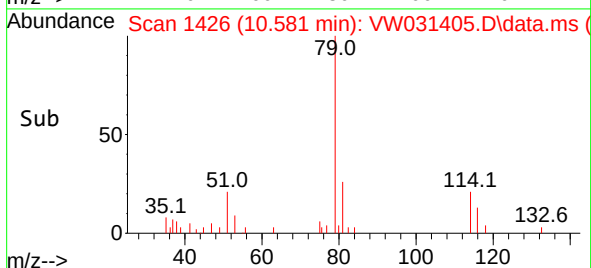
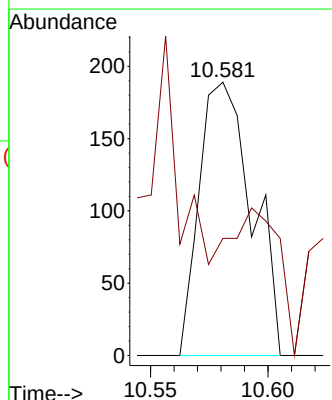
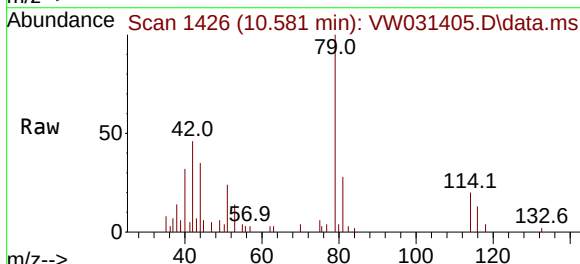
Instrument :
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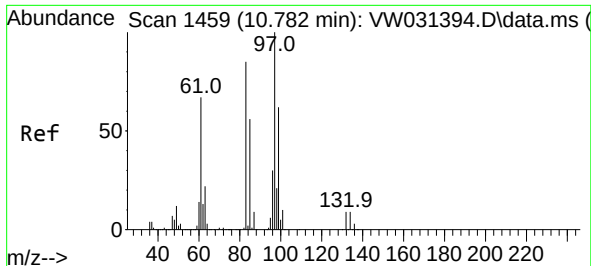
Tgt Ion: 83 Resp: 7655
Ion Ratio Lower Upper
83 100
55 1.8 62.6 93.8#
98 1.8 39.8 59.6#



#44
trans-1,3-Dichloropropene
Concen: 0.643 ug/L
RT: 10.581 min Scan# 1426
Delta R.T. -0.024 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

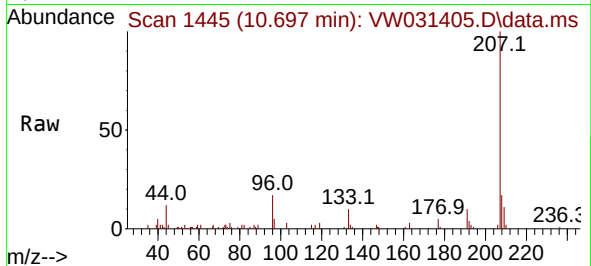
Tgt Ion: 75 Resp: 295
Ion Ratio Lower Upper
75 100
77 42.9 21.2 39.4#



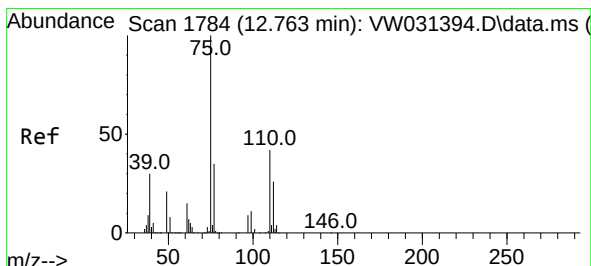
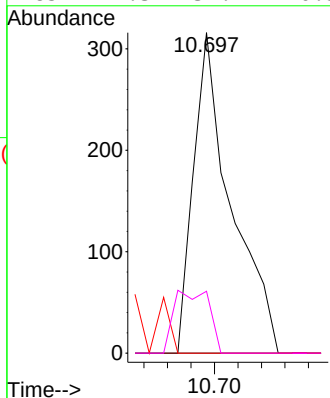
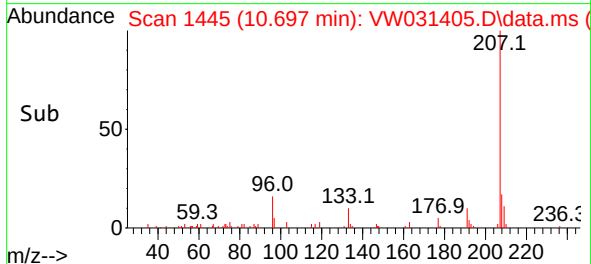


#45
1,1,2-Trichloroethane
Concen: 1.588 ug/L
RT: 10.697 min Scan# 1459
Delta R.T. -0.085 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

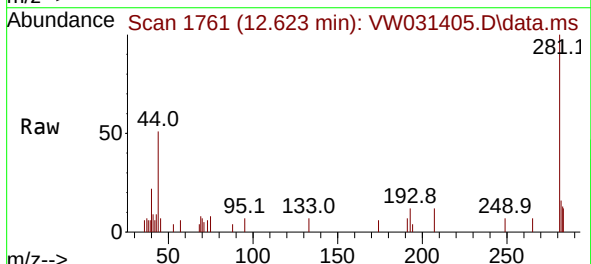
Instrument :
MSVOA_W
ClientSampleId :



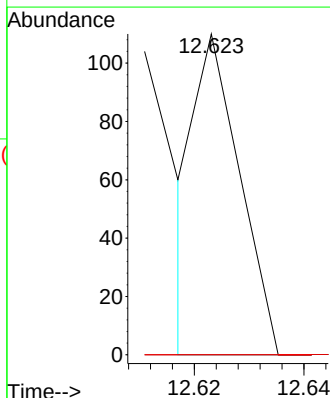
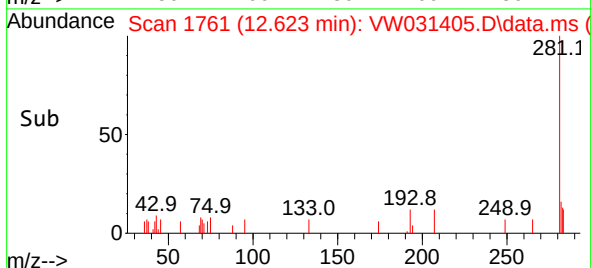
Tgt Ion: 97	Resp: 351
Ion Ratio	Lower Upper
97	100
99	0.0 43.0 80.0#
83	0.0 56.4 104.7#
85	19.3 37.9 70.3#

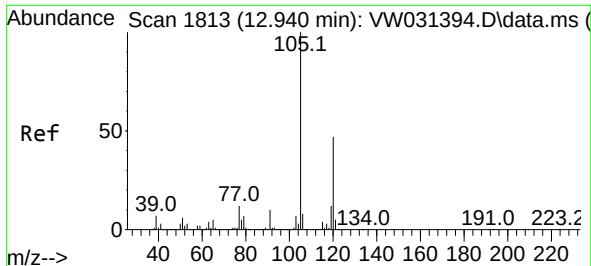


#61
1,2,3-Trichloropropane
Concen: 0.775 ug/L
RT: 12.623 min Scan# 1761
Delta R.T. -0.140 min
Lab File: VW031405.D
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Tgt Ion: 75	Resp: 60
Ion Ratio	Lower Upper
75	100
77	93.3 25.3 37.9#
110	0.0 31.2 46.8#

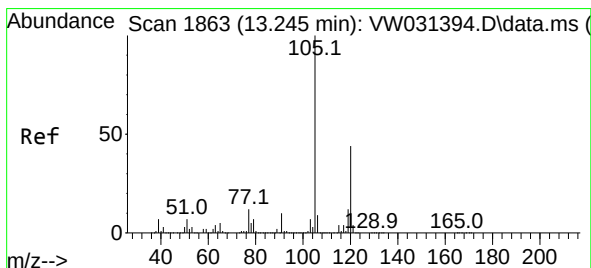
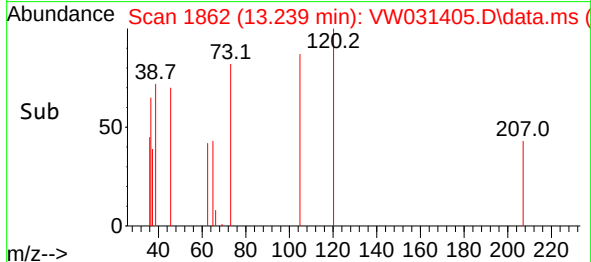
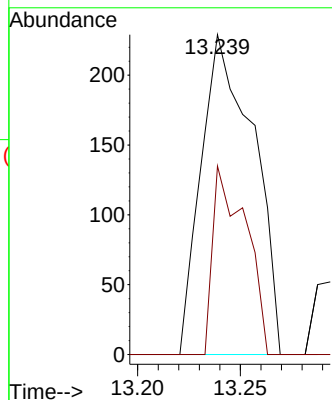
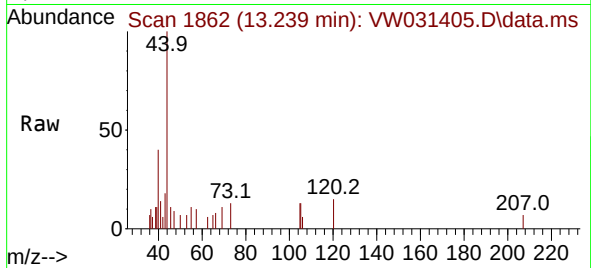




#62
1,3,5-Trimethylbenzene
Concen: 0.644 ug/L
RT: 13.239 min Scan# 1862
Delta R.T. 0.299 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

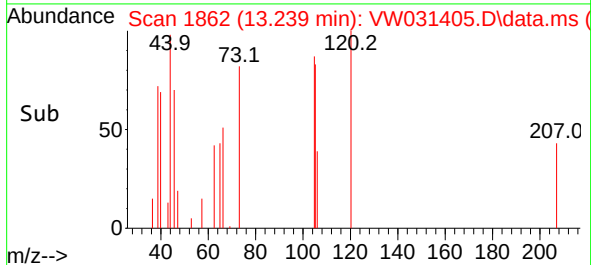
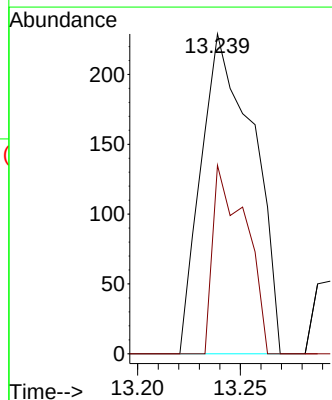
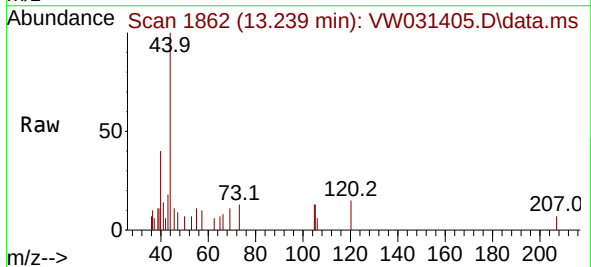
Instrument :
MSVOA_W
ClientSampleId :

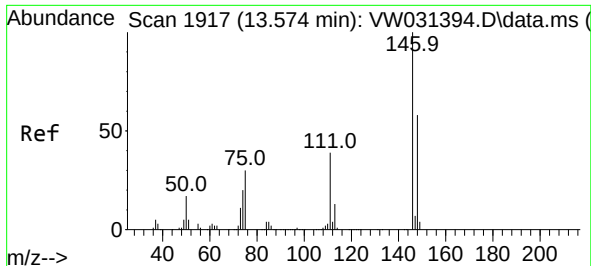
Tgt Ion:105 Resp: 404
Ion Ratio Lower Upper
105 100
120 37.4 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 0.666 ug/L
RT: 13.239 min Scan# 1862
Delta R.T. -0.006 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

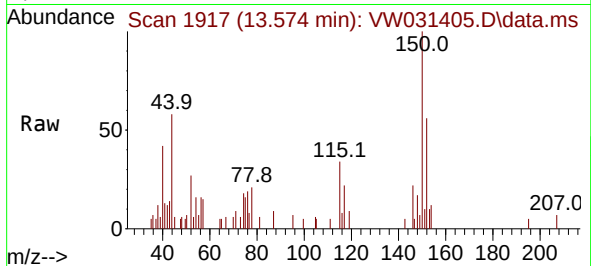
Tgt Ion:105 Resp: 404
Ion Ratio Lower Upper
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120 37.4 35.0 52.4



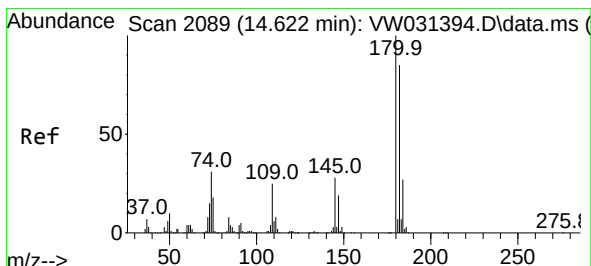
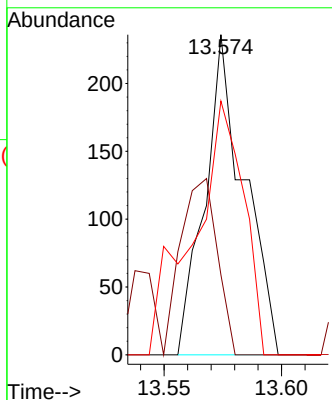
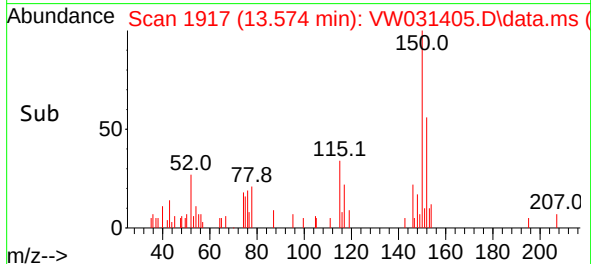


#65
1,4-Dichlorobenzene
Concen: 0.922 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32

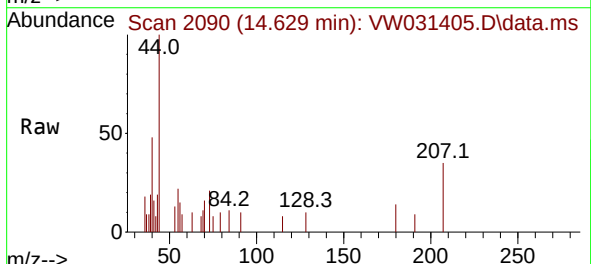
Instrument :
MSVOA_W
ClientSampleId :



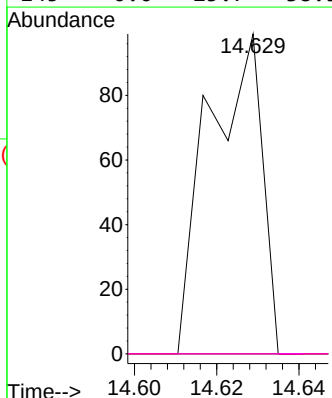
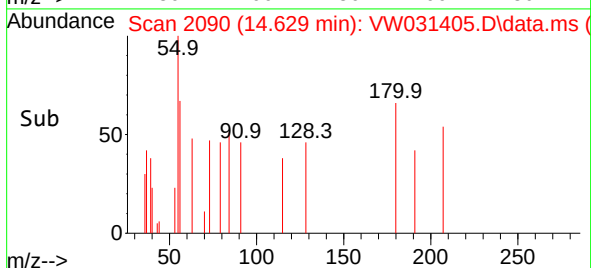
Tgt Ion:146 Resp: 274
Ion Ratio Lower Upper
146 100
111 20.3 30.7 56.9#
148 64.3 46.5 86.3

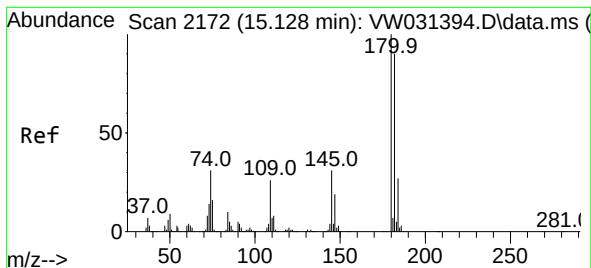


#69
1,3,5-Trichlorobenzene
Concen: 0.428 ug/L
RT: 14.629 min Scan# 2090
Delta R.T. 0.006 min
Lab File: VW031405.D
Acq: 20 Dec 2024 00:32



Tgt Ion:180 Resp: 90
Ion Ratio Lower Upper
180 100
182 0.0 75.0 112.4#
184 0.0 24.6 36.8#
145 0.0 25.7 38.5#





#70

1,2,4-trichlorobenzene

Concen: 0.852 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031405.D

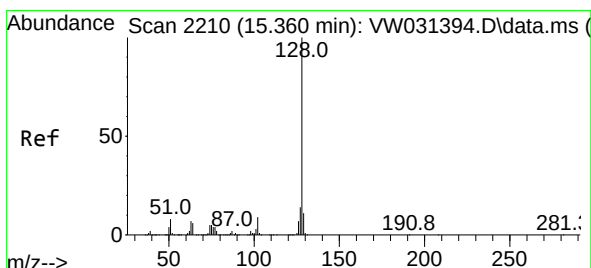
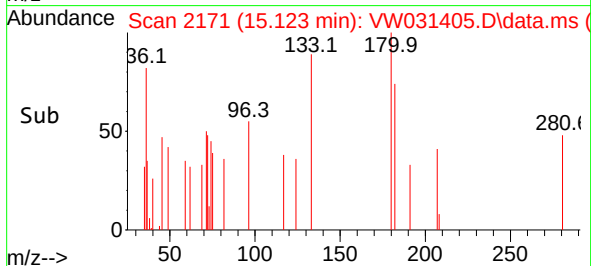
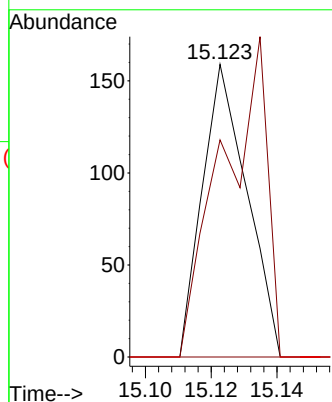
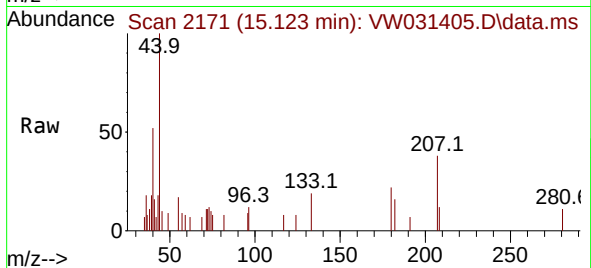
Acq: 20 Dec 2024 00:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180	Resp:	149
Ion Ratio	Lower	Upper
180	100	
182	110.7	78.2 117.2
145	0.0	26.7 40.1#



#71

Naphthalene

Concen: 1.410 ug/L

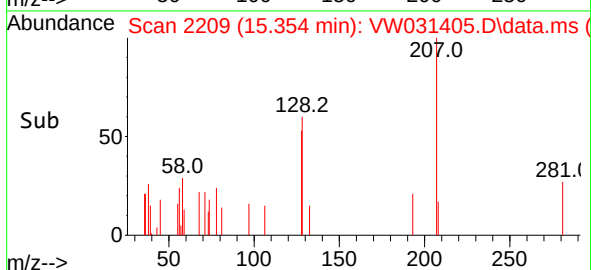
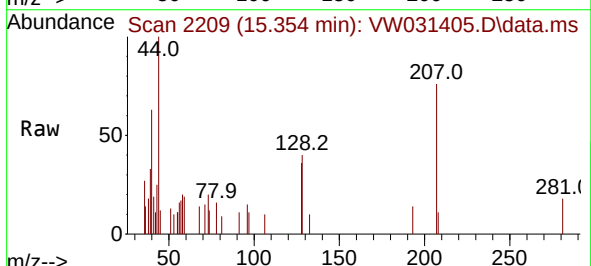
RT: 15.354 min Scan# 2209

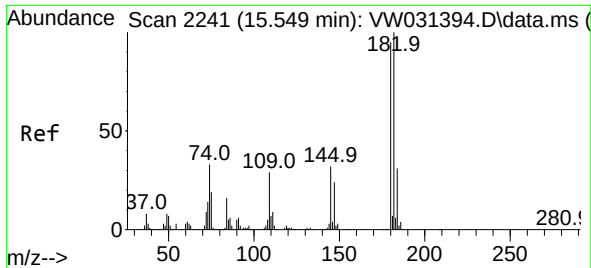
Delta R.T. -0.006 min

Lab File: VW031405.D

Acq: 20 Dec 2024 00:32

Tgt Ion:128	Resp:	432
Ion Ratio	Lower	Upper
128	100	
127	23.1	10.7 16.1#
129	16.2	8.6 13.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.923 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031405.D
 Acq: 20 Dec 2024 00:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 130
 Ion Ratio Lower Upper
 180 100
 182 33.8 75.0 112.4#
 145 86.9 27.8 41.6#

