

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082123\
 Data File : VW026787.D
 Acq On : 21 Aug 2023 13:16
 Operator : SY/MD
 Sample : 04037-08RE
 Misc : 4.98g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 22 01:32:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 22 01:31:05 2023
 Response via : Initial Calibration

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

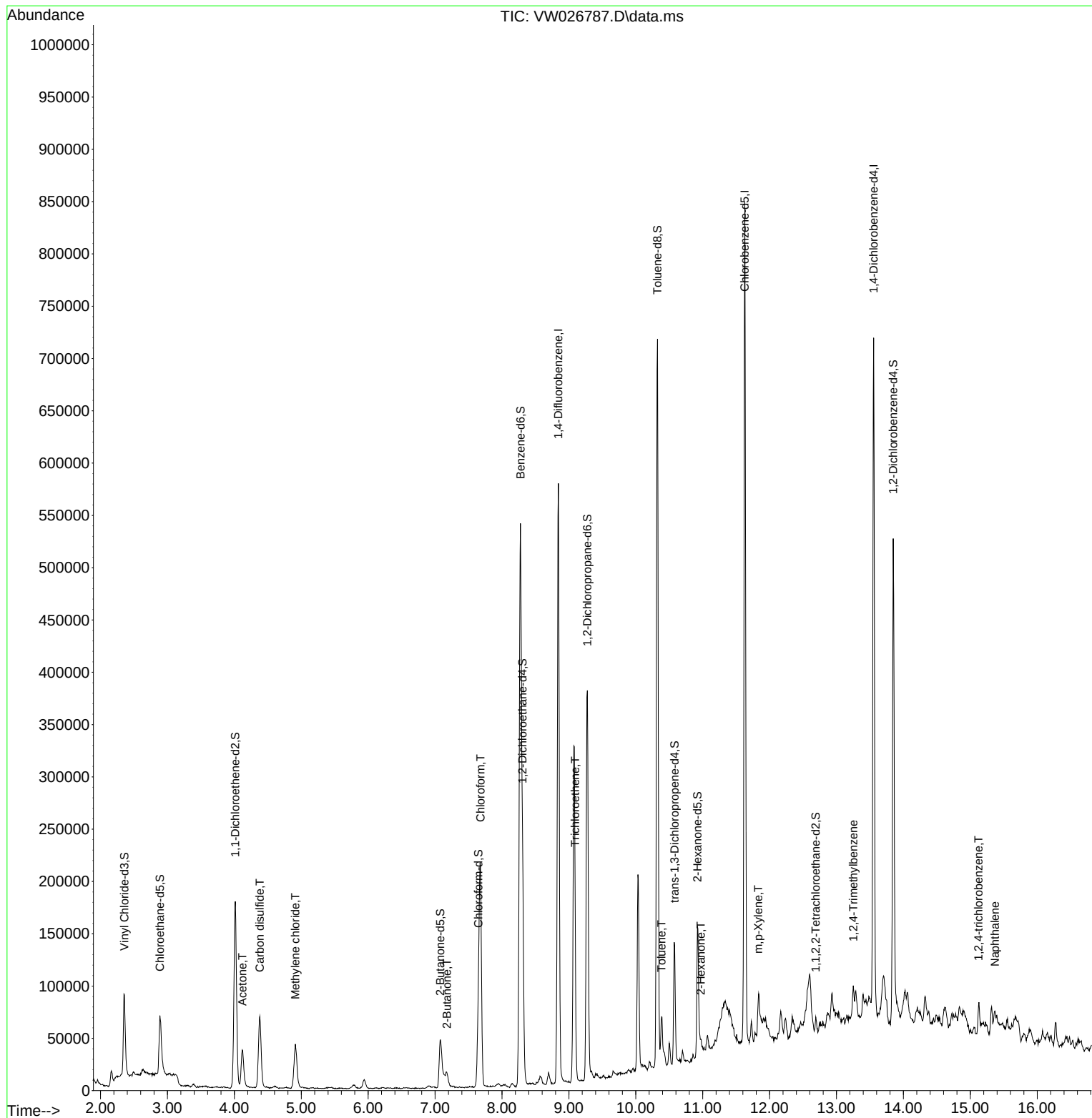
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	460167	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	420336	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	98884	13.072	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.280%
7) Chloroethane-d5	2.887	69	83894	14.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.640%
11) 1,1-Dichloroethene-d2	4.015	65	57071	15.340	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.360%
21) 2-Butanone-d5	7.075	46	79518	36.573	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.140%
24) Chloroform-d	7.648	84	75731	4.903	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	19.600%#
26) 1,2-Dichloroethane-d4	8.307	65	154485	18.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.520%
32) Benzene-d6	8.276	84	544881	18.809	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.240%
36) 1,2-Dichloropropane-d6	9.276	67	181134	20.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.280%
41) Toluene-d8	10.325	98	457989	18.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.680%
43) trans-1,3-Dichloroprop...	10.581	79	67207	18.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.160%
47) 2-Hexanone-d5	10.922	63	40976	43.216	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	6321	0.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	3.560%#
66) 1,2-Dichlorobenzene-d4	13.848	152	113397	18.655	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.600%#
Target Compounds	Qvalue					
13) Acetone	4.119	43	64189	29.692	ug/L	97
14) Carbon disulfide	4.381	76	136989	5.598	ug/L	100
16) Methylene chloride	4.911	84	29440	3.307	ug/L	94
22) 2-Butanone	7.179	43	20866	6.550	ug/L	78
25) Chloroform	7.679	83	193963	12.853	ug/L	99
34) Trichloroethene	9.093	95	11210	1.438	ug/L	91
42) Toluene	10.386	91	32088	1.036	ug/L	100
48) 2-Hexanone	10.971	43	6502	1.752	ug/L #	89
53) m,p-Xylene	11.831	106	10416	0.810	ug/L	85
63) 1,2,4-Trimethylbenzene	13.251	105	10614	0.543	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	8802	1.399	ug/L	92
71) Naphthalene	15.366	128	15845	1.321	ug/L #	96

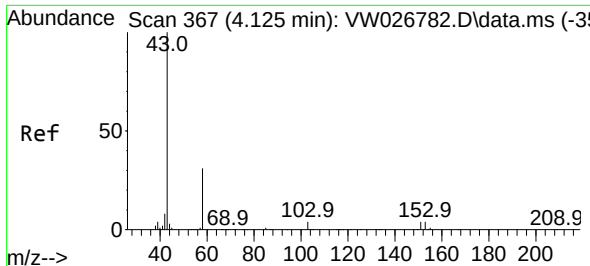
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Aug 22 01:31:05 2023
Response via : Initial Calibration





#13

Acetone

Concen: 29.692 ug/L

RT: 4.119 min Scan# 3

Delta R.T. -0.006 min

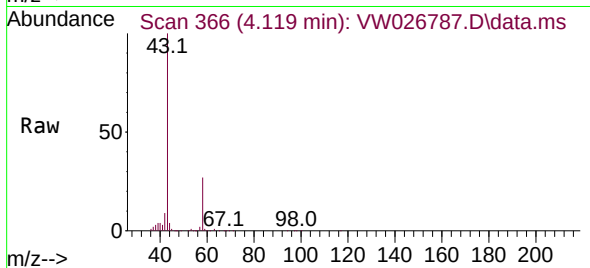
Lab File: VW026787.D

Acq: 21 Aug 2023 13:16

Instrument :

MSVOA_W

ClientSampleId :

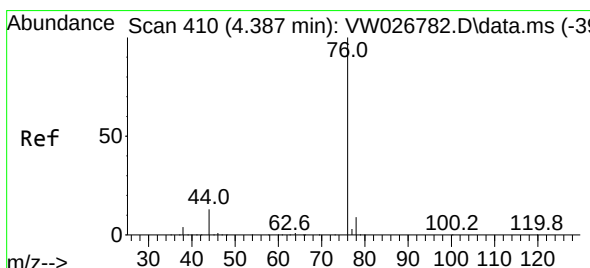
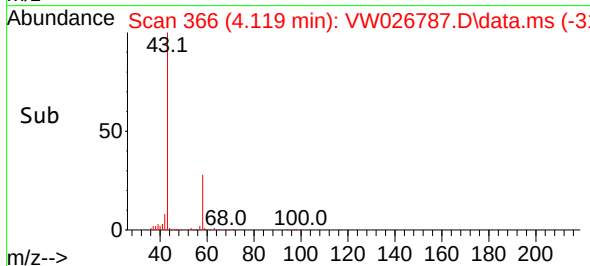
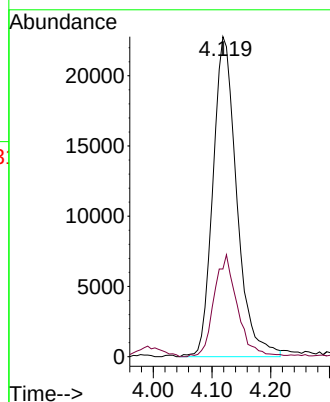


Tgt Ion: 43 Resp: 64189

Ion Ratio Lower Upper

43 100

58 30.4 0.0 57.4



#14

Carbon disulfide

Concen: 5.598 ug/L

RT: 4.381 min Scan# 409

Delta R.T. -0.006 min

Lab File: VW026787.D

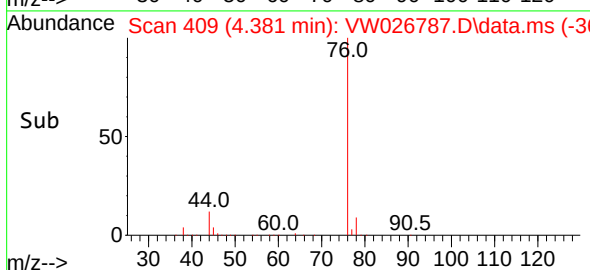
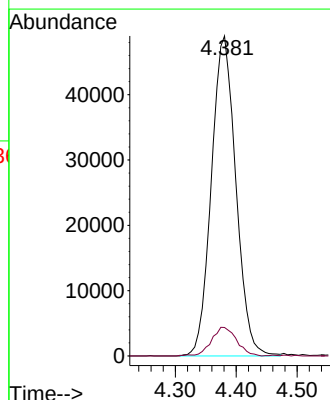
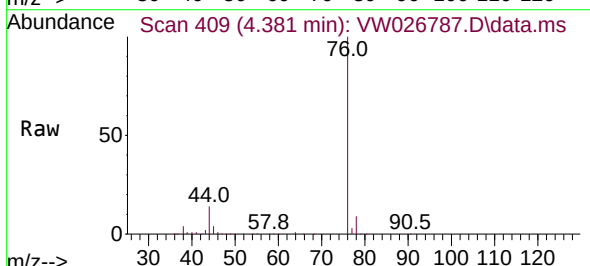
Acq: 21 Aug 2023 13:16

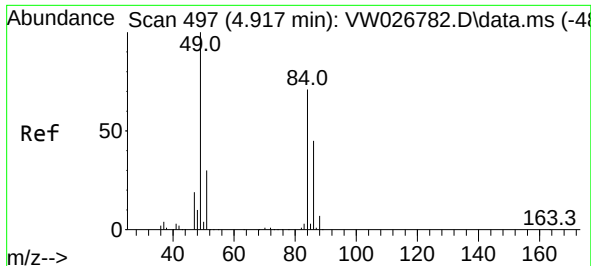
Tgt Ion: 76 Resp: 136989

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

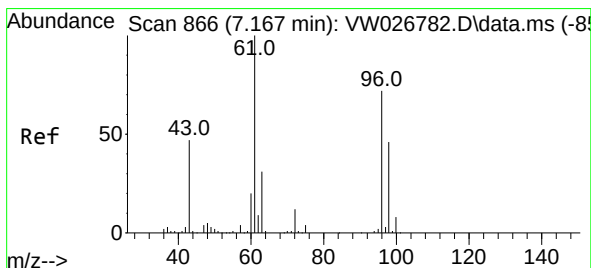
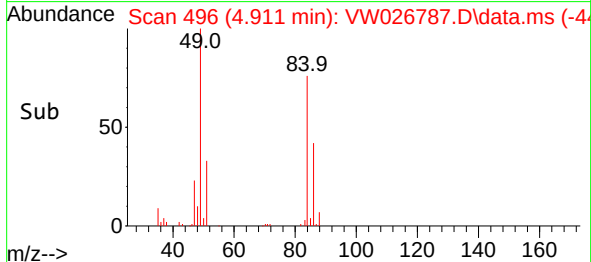
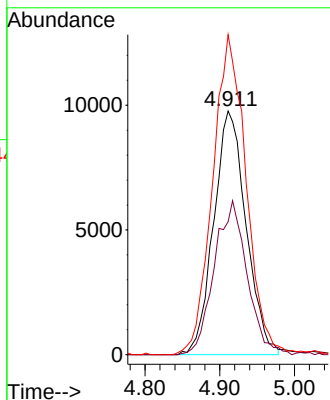
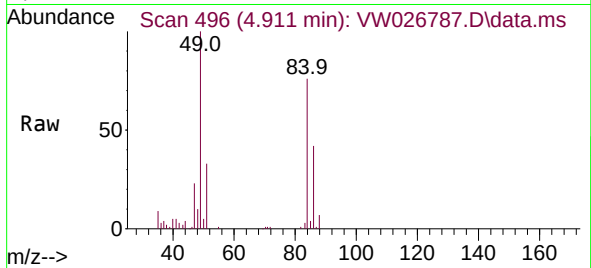




#16
Methylene chloride
Concen: 3.307 ug/L
RT: 4.911 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16

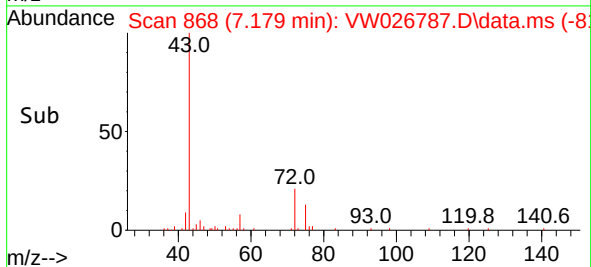
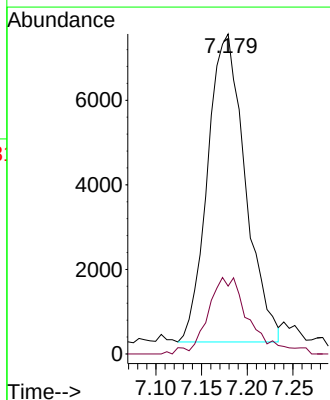
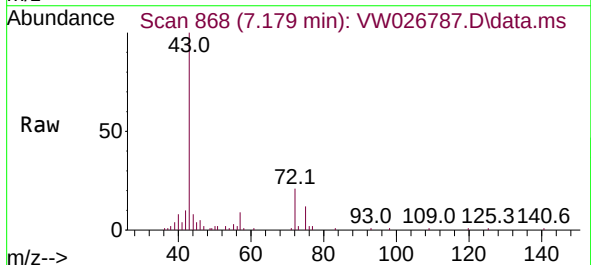
Instrument :
MSVOA_W
ClientSampleId :

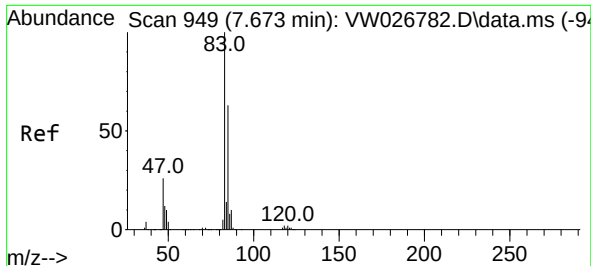
Tgt Ion: 84 Resp: 29440
Ion Ratio Lower Upper
84 100
86 54.6 43.5 80.9
49 131.4 96.0 178.2



#22
2-Butanone
Concen: 6.550 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.012 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16

Tgt Ion: 43 Resp: 20866
Ion Ratio Lower Upper
43 100
72 12.7 11.8 35.4

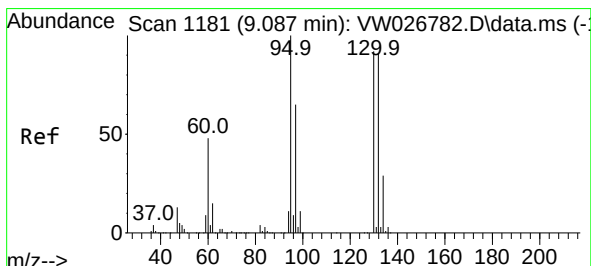
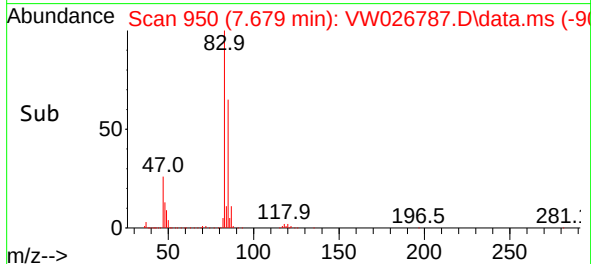
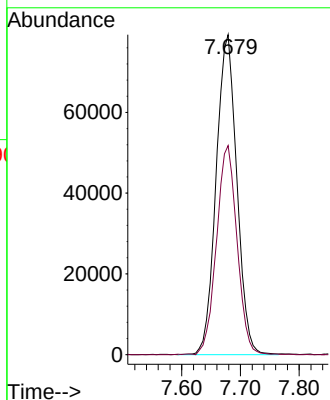
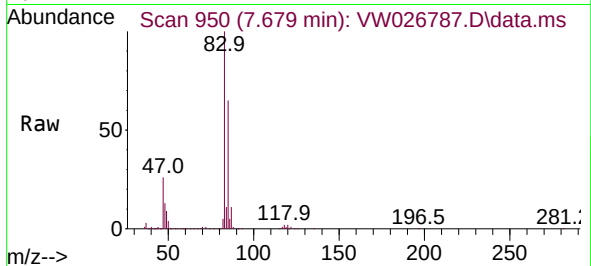




#25
Chloroform
Concen: 12.853 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16

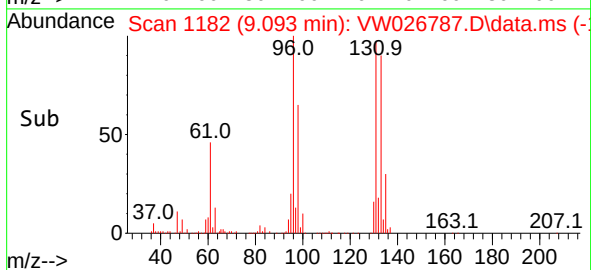
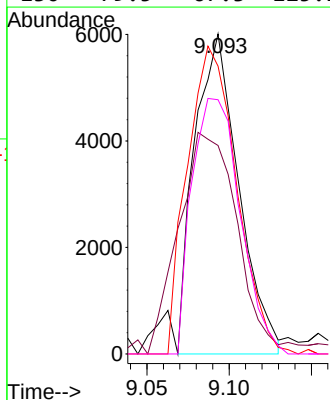
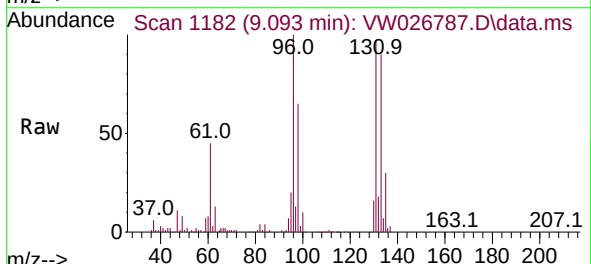
Instrument :
MSVOA_W
ClientSampleId :

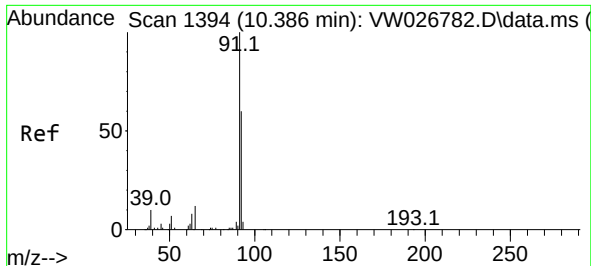
Tgt Ion: 83 Resp: 193963
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.2



#34
Trichloroethene
Concen: 1.438 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16

Tgt Ion: 95 Resp: 11210
Ion Ratio Lower Upper
95 100
97 65.1 44.6 82.8
132 89.9 66.4 123.2
130 79.5 67.3 125.1

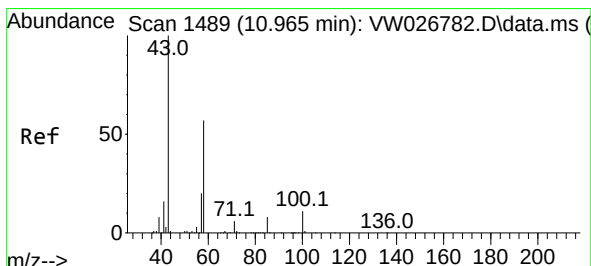
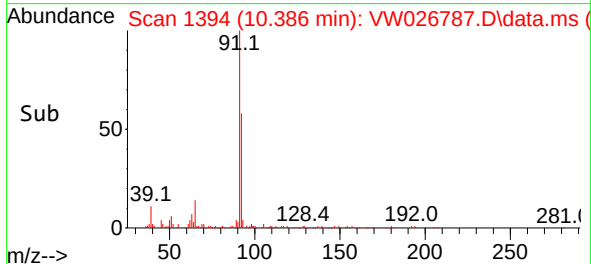
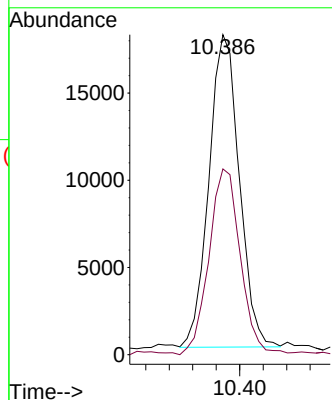
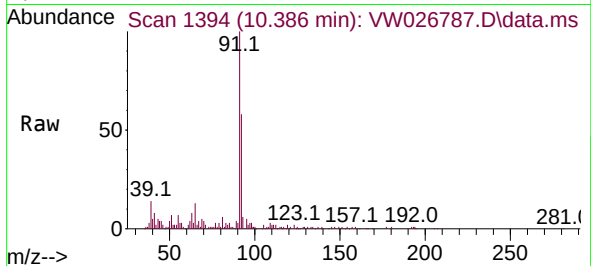




#42
Toluene
Concen: 1.036 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16

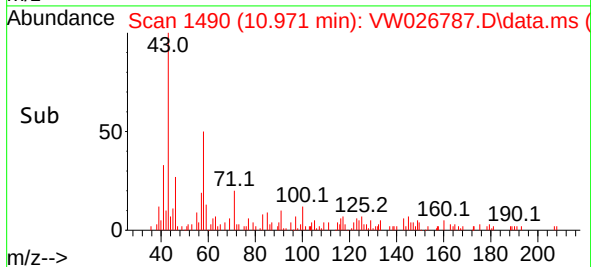
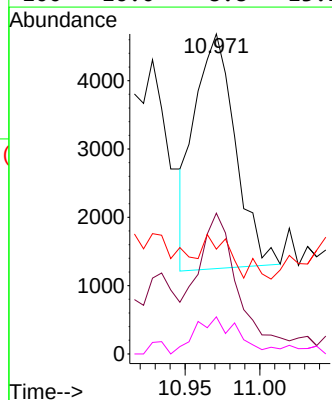
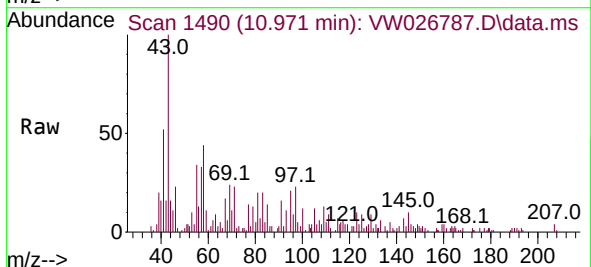
Instrument :
MSVOA_W
ClientSampleId :

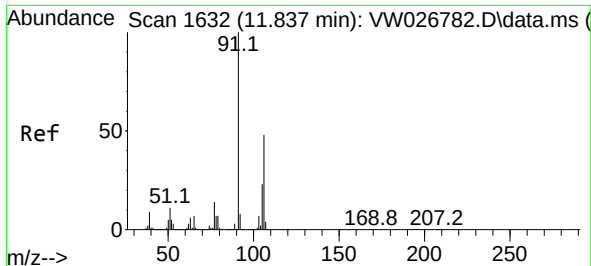
Tgt Ion: 91 Resp: 32088
Ion Ratio Lower Upper
91 100
92 58.0 40.8 75.8



#48
2-Hexanone
Concen: 1.752 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16

Tgt Ion: 43 Resp: 6502
Ion Ratio Lower Upper
43 100
58 57.4 41.1 61.7
57 10.7 14.3 21.5#
100 16.0 8.8 13.2#

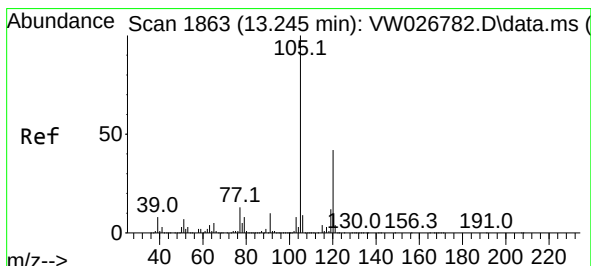
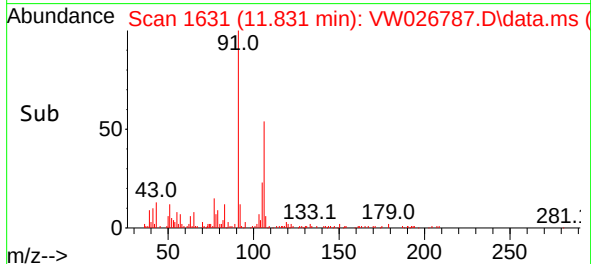
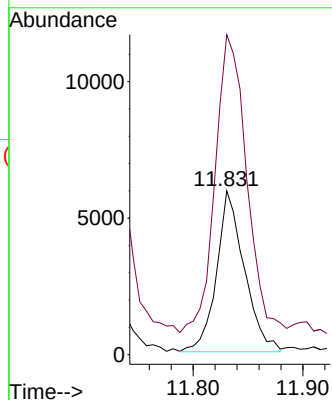
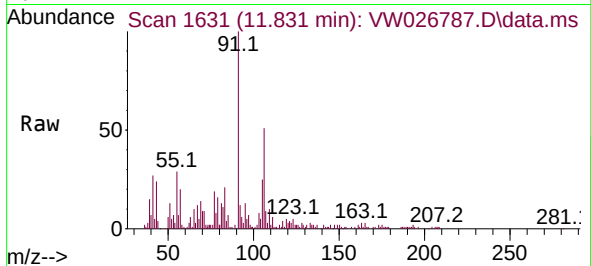




#53
m,p-Xylene
Concen: 0.810 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16

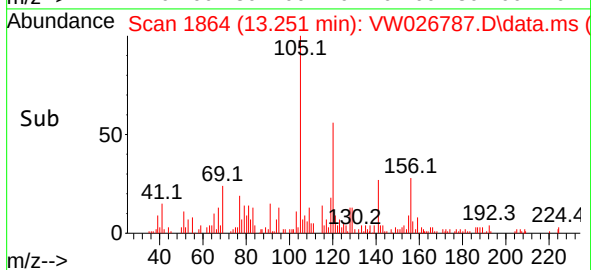
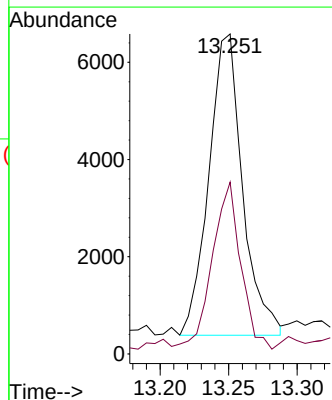
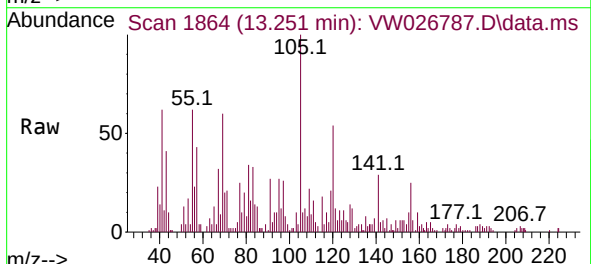
Instrument :
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ClientSampleId :

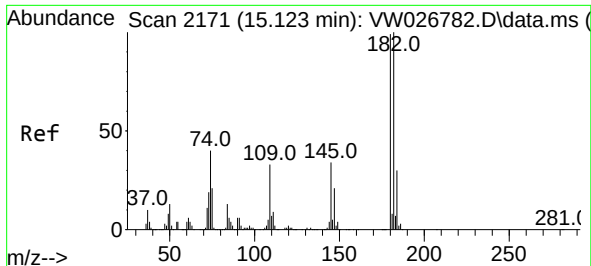
Tgt Ion:106 Resp: 10416
Ion Ratio Lower Upper
106 100
91 195.3 152.9 284.1



#63
1,2,4-Trimethylbenzene
Concen: 0.543 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16

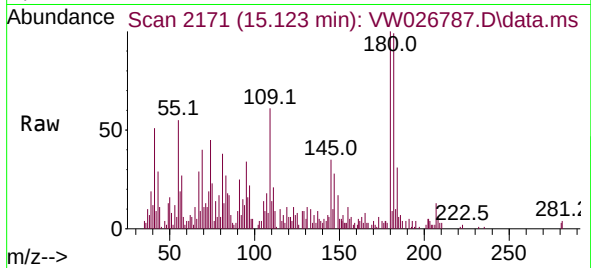
Tgt Ion:105 Resp: 10614
Ion Ratio Lower Upper
105 100
120 46.6 36.2 54.4



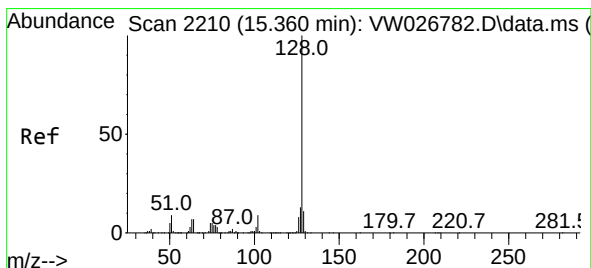
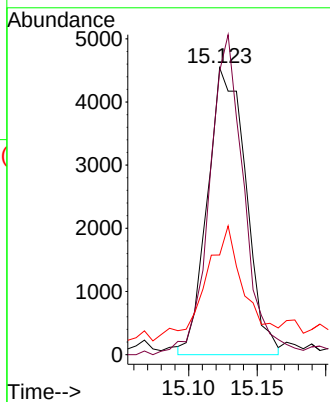
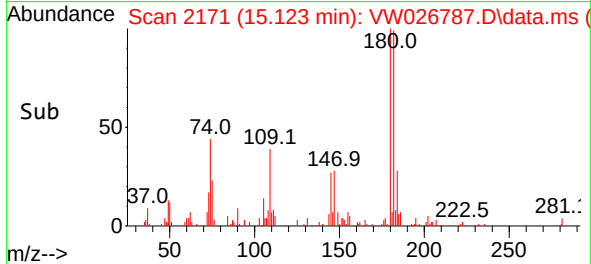


#70
1,2,4-trichlorobenzene
Concen: 1.399 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16

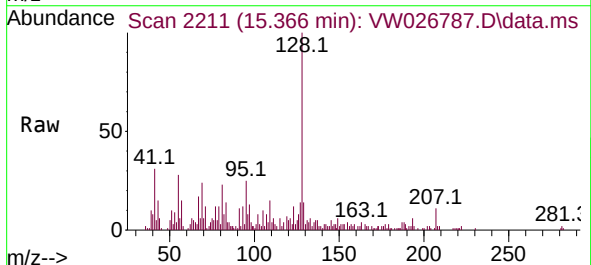
Instrument :
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ClientSampleId :



Tgt Ion:180 Resp: 8802
Ion Ratio Lower Upper
180 100
182 100.3 72.5 108.7
145 31.6 24.7 37.1



#71
Naphthalene
Concen: 1.321 ug/L
RT: 15.366 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VW026787.D
Acq: 21 Aug 2023 13:16



Tgt Ion:128 Resp: 15845
Ion Ratio Lower Upper
128 100
127 16.4 10.7 16.1#
129 11.1 9.0 13.4

