

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
 Data File : VW031173.D
 Acq On : 09 Dec 2024 19:51
 Operator : SY/MD
 Sample : P5153-06
 Misc : 1.83g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 01:16:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 01:12:15 2024
 Response via : Initial Calibration

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

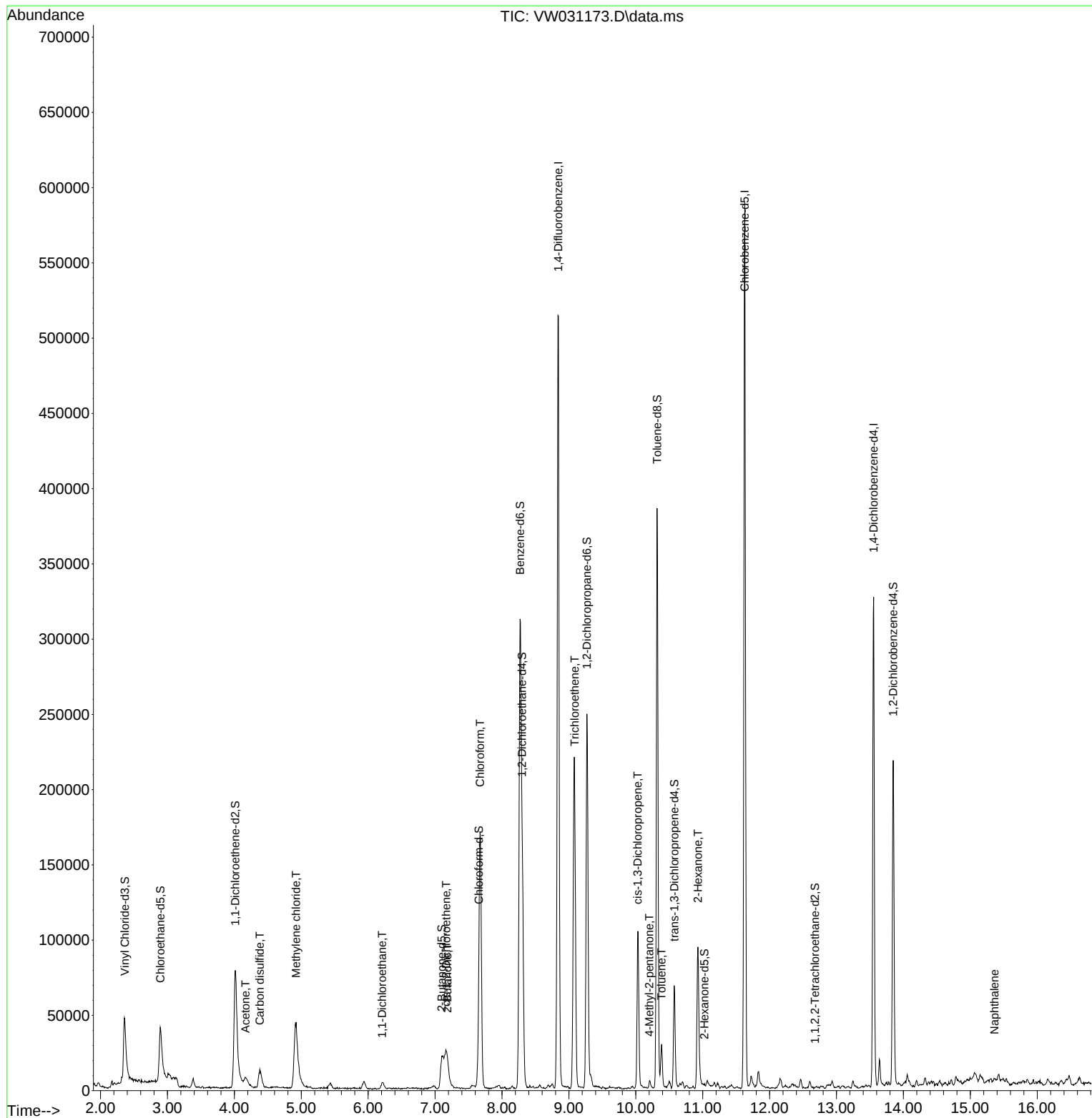
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	385457	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	291639	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	77533	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	67686	11.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.640%
7) Chloroethane-d5	2.893	69	59328	12.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.560%
11) 1,1-Dichloroethene-d2	4.015	65	31958	11.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.240%
21) 2-Butanone-d5	7.100	46	35107	33.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.680%
24) Chloroform-d	7.654	84	18765	1.662	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	6.640%#
26) 1,2-Dichloroethane-d4	8.301	65	108872	19.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	8.270	84	310911	17.345	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.400%
36) 1,2-Dichloropropane-d6	9.270	67	119158	22.694	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.760%
41) Toluene-d8	10.319	98	241938	14.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.840%
43) trans-1,3-Dichloroprop...	10.575	79	37960	17.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.840%
47) 2-Hexanone-d5	11.026	63	164	0.267	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.540%#
56) 1,1,2,2-Tetrachloroeth...	12.678	84	76	0.021	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.080%#
66) 1,2-Dichlorobenzene-d4	13.848	152	50421	18.309	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.240%#
Target Compounds						
					Qvalue	
13) Acetone	4.167	43	15725	8.419	ug/L	56
14) Carbon disulfide	4.381	76	31771	1.770	ug/L	96
16) Methylene chloride	4.923	84	37116	6.653	ug/L	96
19) 1,1-Dichloroethane	6.210	63	5901	0.551	ug/L	90
20) cis-1,2-Dichloroethene	7.167	96	3229	0.528	ug/L	# 76
22) 2-Butanone	7.185	43	22726	12.947	ug/L	83
25) Chloroform	7.673	83	169352	15.213	ug/L	91
34) Trichloroethene	9.087	95	38826	7.137	ug/L	# 68
39) cis-1,3-Dichloropropene	10.026	75	3070	0.414	ug/L	# 64
40) 4-Methyl-2-pentanone	10.203	43	3464	1.577	ug/L	# 93
42) Toluene	10.386	91	19245	0.926	ug/L	99
48) 2-Hexanone	10.928	43	6572	3.307	ug/L	# 87
71) Naphthalene	15.360	128	2531	0.540	ug/L	97

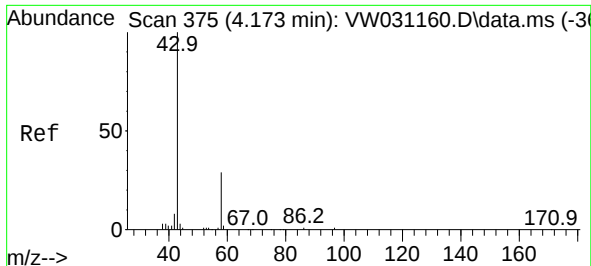
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

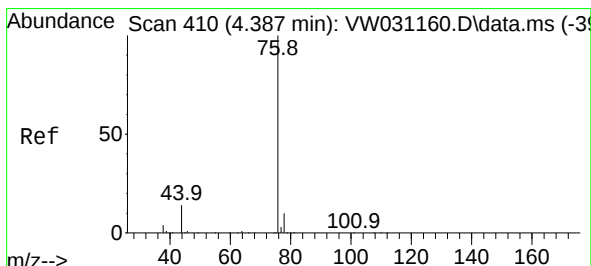
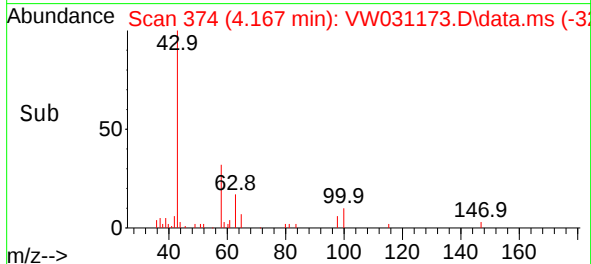
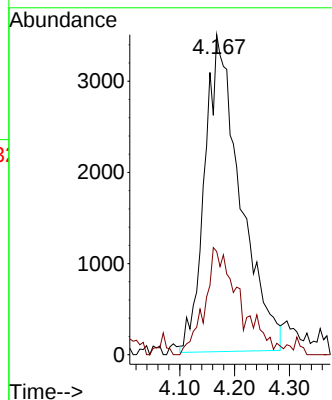
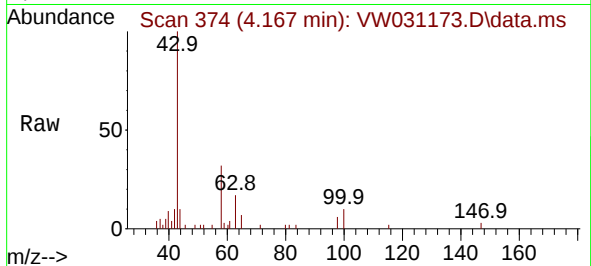




#13
Acetone
Concen: 8.419 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031173.D
Acq: 09 Dec 2024 19:51

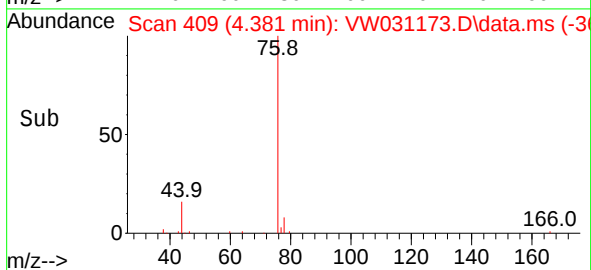
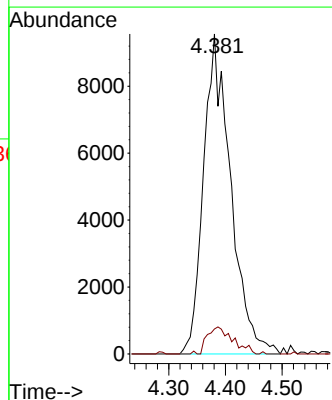
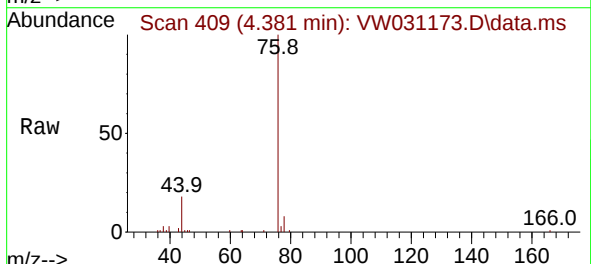
Instrument :
MSVOA_W
ClientSampleId :

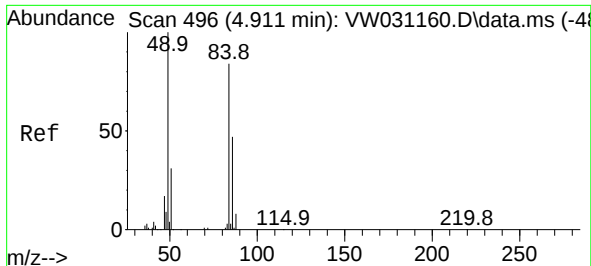
Tgt Ion: 43 Resp: 15725
Ion Ratio Lower Upper
43 100
58 8.5 0.0 67.2



#14
Carbon disulfide
Concen: 1.770 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW031173.D
Acq: 09 Dec 2024 19:51

Tgt Ion: 76 Resp: 31771
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2





#16

Methylene chloride

Concen: 6.653 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.012 min

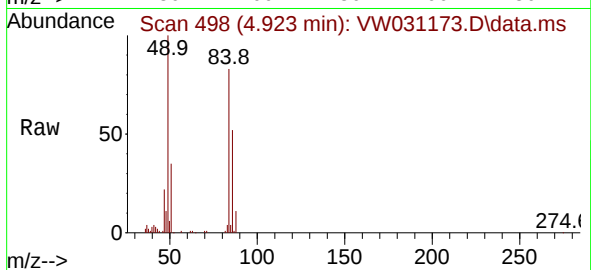
Lab File: VW031173.D

Acq: 09 Dec 2024 19:51

Instrument :

MSVOA_W

ClientSampleId :



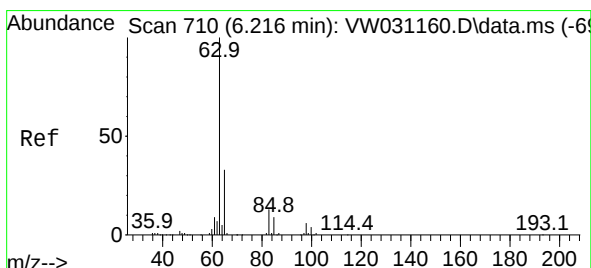
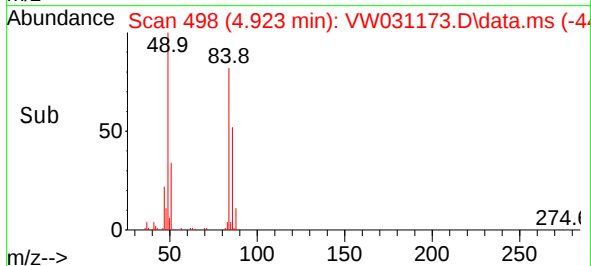
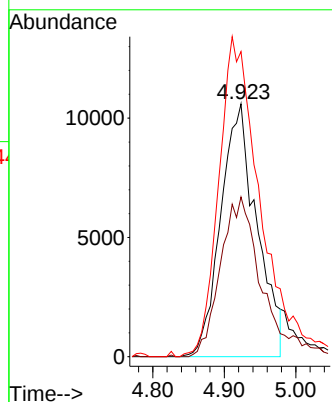
Tgt Ion: 84 Resp: 37116

Ion Ratio Lower Upper

84 100

86 64.4 44.9 83.5

49 120.7 79.9 148.5



#19

1,1-Dichloroethane

Concen: 0.551 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW031173.D

Acq: 09 Dec 2024 19:51

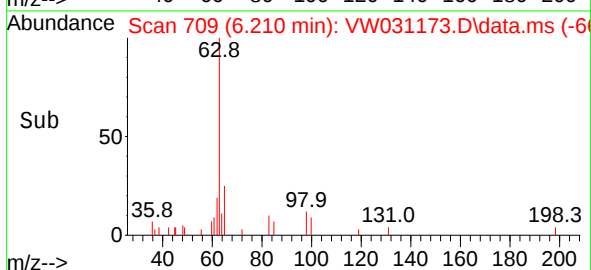
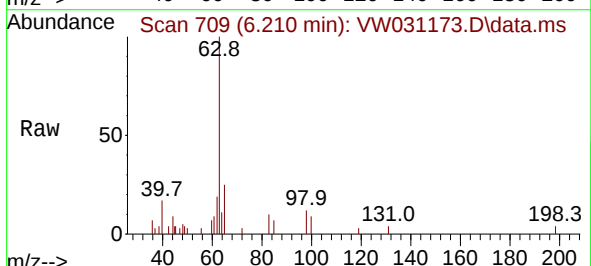
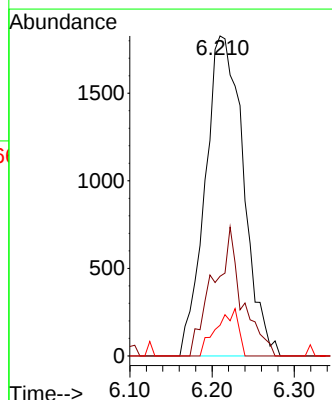
Tgt Ion: 63 Resp: 5901

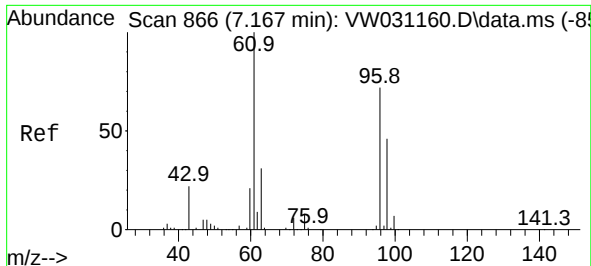
Ion Ratio Lower Upper

63 100

65 24.9 21.7 40.3

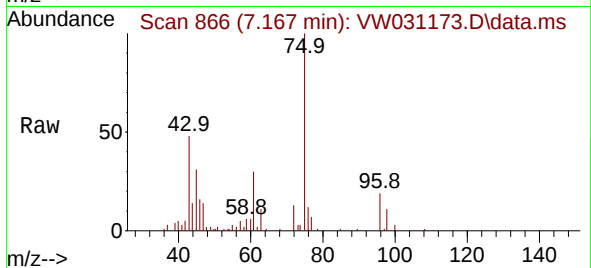
83 9.6 8.9 16.5



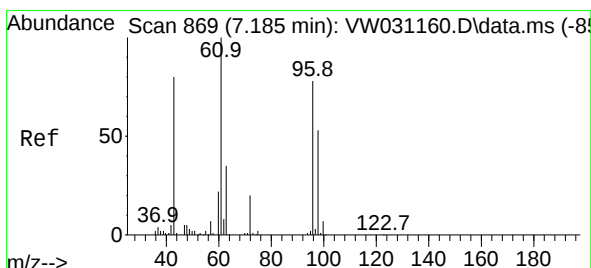
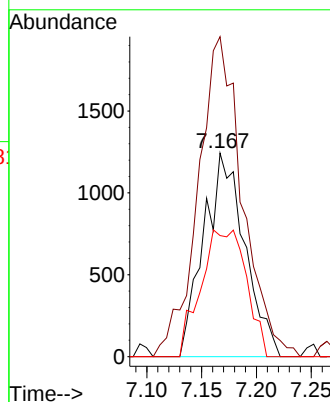
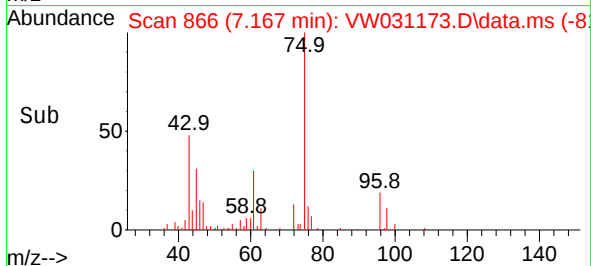


#20
cis-1,2-Dichloroethene
Concen: 0.528 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031173.D
Acq: 09 Dec 2024 19:51

Instrument :
MSVOA_W
ClientSampleId :

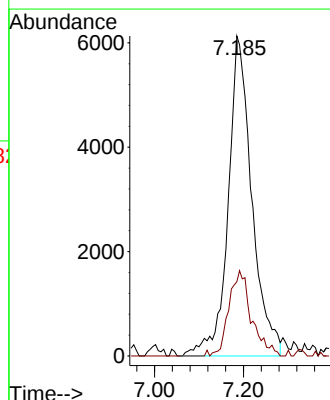
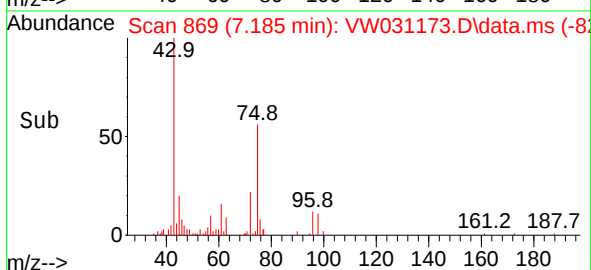
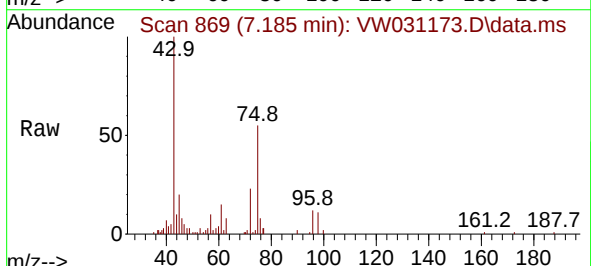


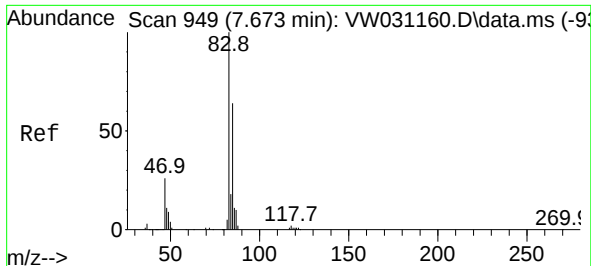
Tgt Ion: 96 Resp: 3229
Ion Ratio Lower Upper
96 100
61 157.2 83.7 155.5#
98 59.5 43.9 81.5



#22
2-Butanone
Concen: 12.947 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031173.D
Acq: 09 Dec 2024 19:51

Tgt Ion: 43 Resp: 22726
Ion Ratio Lower Upper
43 100
72 20.4 14.9 44.7





#25

Chloroform

Concen: 15.213 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW031173.D

Acq: 09 Dec 2024 19:51

Instrument :

MSVOA_W

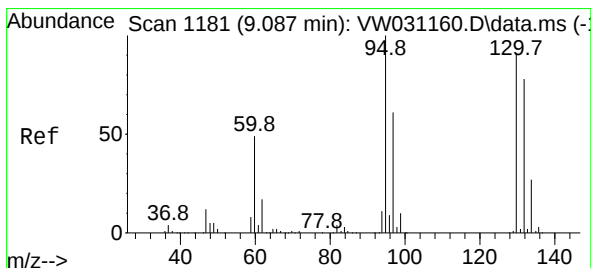
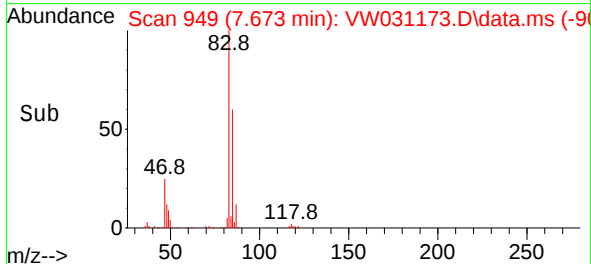
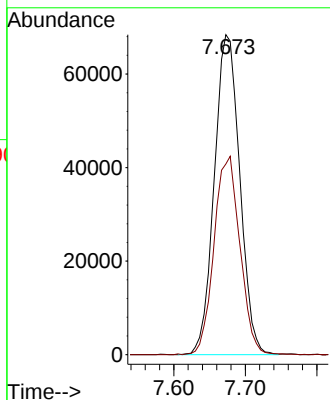
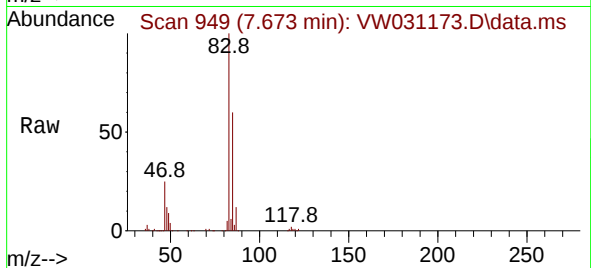
ClientSampleId :

Tgt Ion: 83 Resp: 169352

Ion Ratio Lower Upper

83 100

85 59.6 46.5 86.3



#34

Trichloroethene

Concen: 7.137 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031173.D

Acq: 09 Dec 2024 19:51

Tgt Ion: 95 Resp: 38826

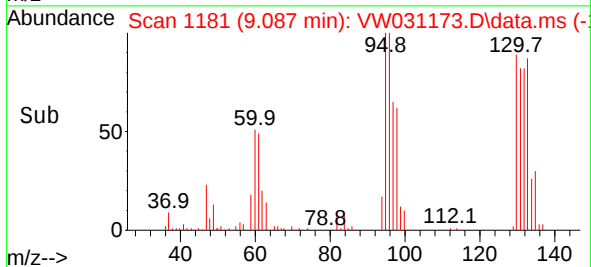
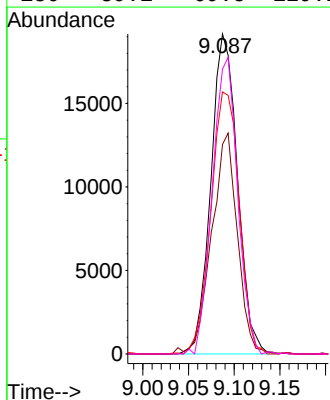
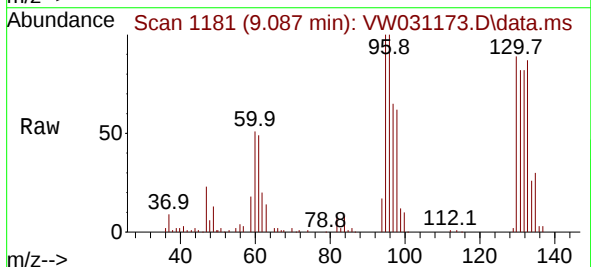
Ion Ratio Lower Upper

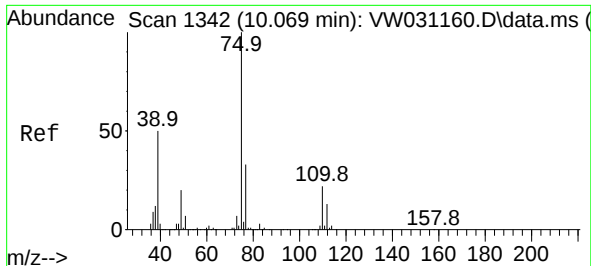
95 100

97 65.5 48.0 89.2

132 168.6 67.4 125.2#

130 89.1 69.5 129.1

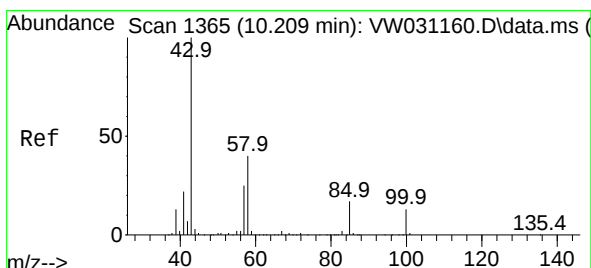
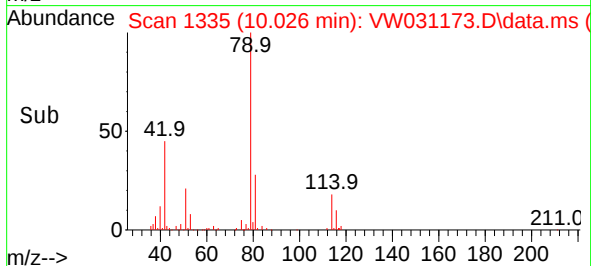
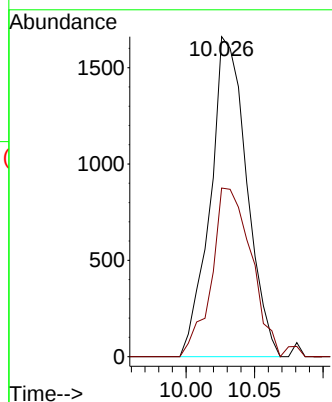
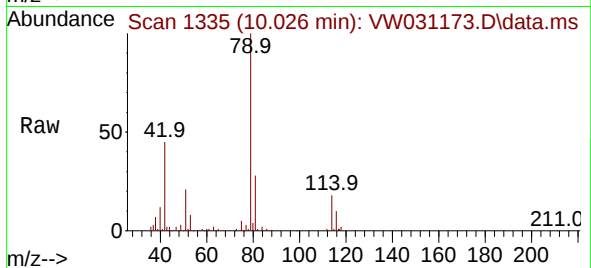




#39
cis-1,3-Dichloropropene
Concen: 0.414 ug/L
RT: 10.026 min Scan# 1335
Delta R.T. -0.043 min
Lab File: VW031173.D
Acq: 09 Dec 2024 19:51

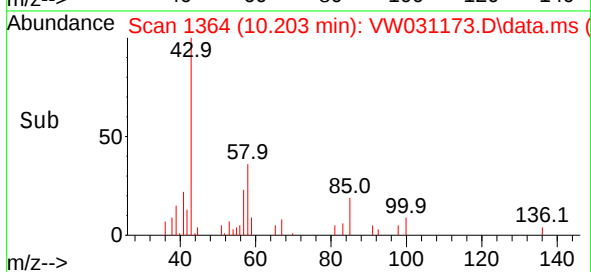
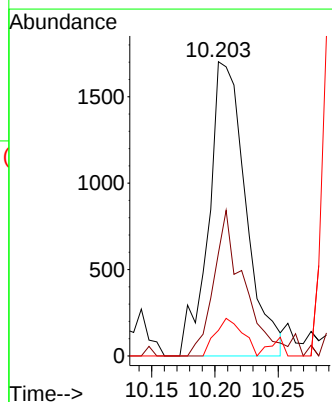
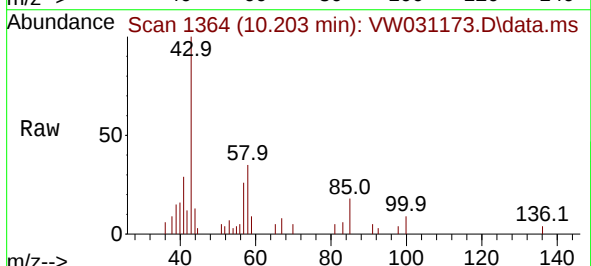
Instrument :
MSVOA_W
ClientSampleId :

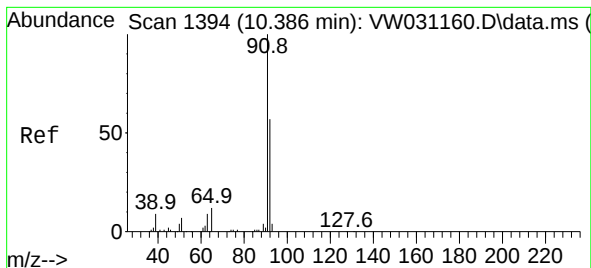
Tgt Ion: 75 Resp: 3070
Ion Ratio Lower Upper
75 100
77 50.7 21.6 40.2#



#40
4-Methyl-2-pentanone
Concen: 1.577 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VW031173.D
Acq: 09 Dec 2024 19:51

Tgt Ion: 43 Resp: 3464
Ion Ratio Lower Upper
43 100
58 40.4 33.7 50.5
100 9.4 14.2 21.2#





#42

Toluene

Concen: 0.926 ug/L

RT: 10.386 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VW031173.D

Acq: 09 Dec 2024 19:51

Instrument :

MSVOA_W

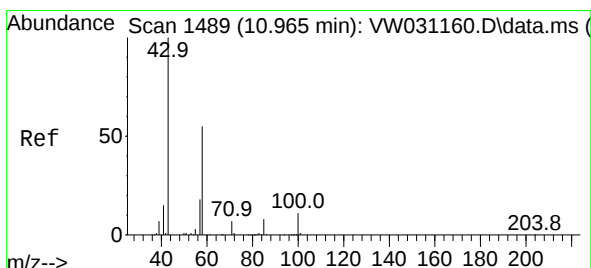
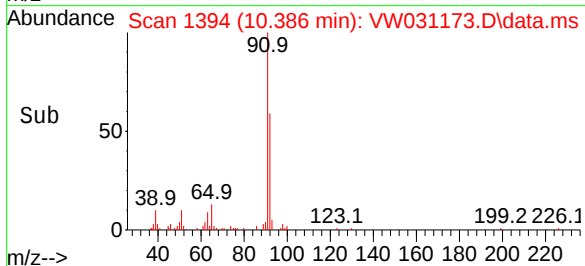
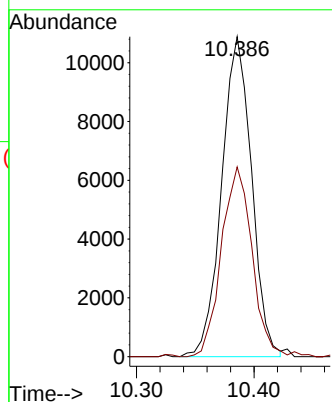
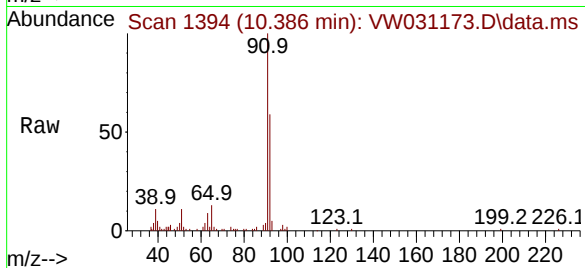
ClientSampleId :

Tgt Ion: 91 Resp: 19245

Ion Ratio Lower Upper

91 100

92 59.3 40.8 75.8



#48

2-Hexanone

Concen: 3.307 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.037 min

Lab File: VW031173.D

Acq: 09 Dec 2024 19:51

Tgt Ion: 43 Resp: 6572

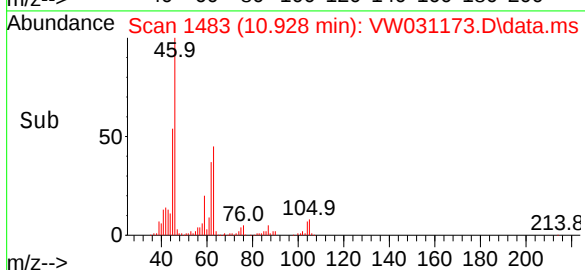
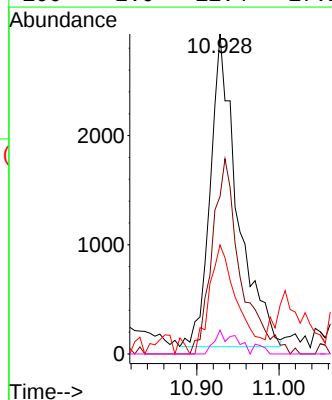
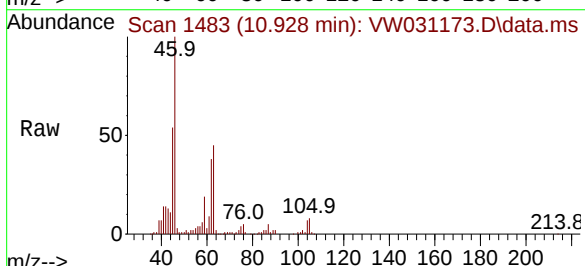
Ion Ratio Lower Upper

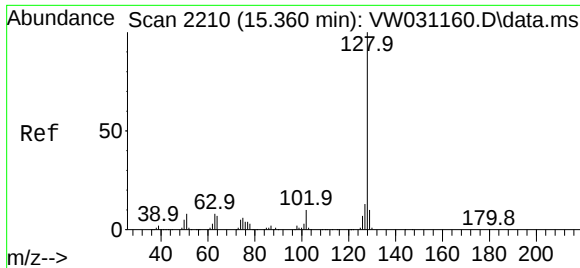
43 100

58 64.8 49.8 74.6

57 35.6 16.6 24.8#

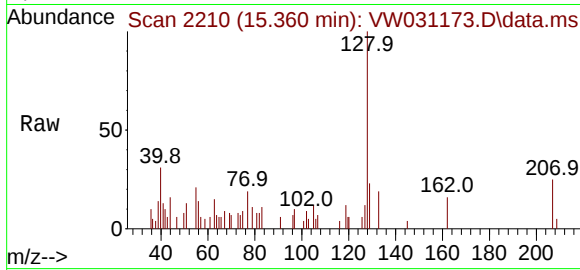
100 2.9 11.4 17.2#





#71
Naphthalene
Concen: 0.540 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031173.D
Acq: 09 Dec 2024 19:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	2531
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.4	15.6
129	9.5	8.3	12.5

