

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029565.D
 Acq On : 12 Jul 2024 21:08
 Operator : SY/MD
 Sample : P3230-10
 Misc : 5.51g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 23:30:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

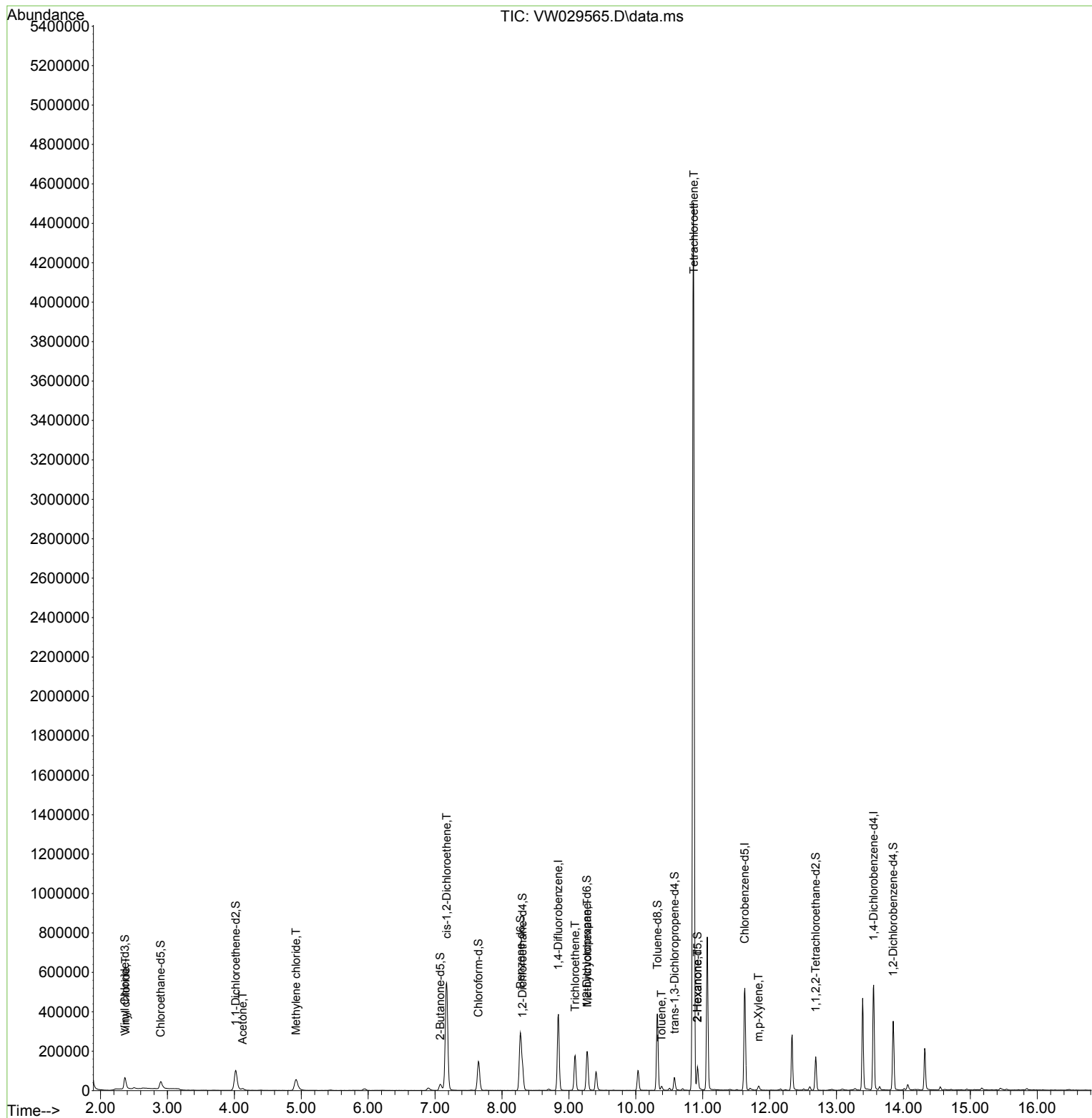
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	310016	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	276155	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130253	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	78252	15.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.520%
7) Chloroethane-d5	2.899	69	57737	16.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.040%
11) 1,1-Dichloroethene-d2	4.021	65	35557	15.811	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.240%
21) 2-Butanone-d5	7.075	46	54292	36.114	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.220%
24) Chloroform-d	7.648	84	148726	16.595	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.360%
26) 1,2-Dichloroethane-d4	8.307	65	90845	17.281	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.120%#
32) Benzene-d6	8.276	84	287758	17.394	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.560%
36) 1,2-Dichloropropane-d6	9.270	67	93154	17.611	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.440%
41) Toluene-d8	10.325	98	250708	17.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.920%
43) trans-1,3-Dichloroprop...	10.581	79	34758	15.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.080%
47) 2-Hexanone-d5	10.922	63	40066	41.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82673	19.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	81350	17.934	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.720%#
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	5947	1.283	ug/L	84
13) Acetone	4.125	43	14278	9.410	ug/L	97
16) Methylene chloride	4.923	84	47529	8.563	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	310179	66.462	ug/L	91
34) Trichloroethene	9.093	95	61728	13.529	ug/L	98
35) Methylcyclohexane	9.276	83	21661	2.954	ug/L #	16
42) Toluene	10.386	91	13435	0.760	ug/L	93
46) Tetrachloroethene	10.867	164	939209	289.736	ug/L	96
48) 2-Hexanone	10.922	43	5422	2.143	ug/L #	69
53) m,p-Xylene	11.837	106	2292	0.312	ug/L	85

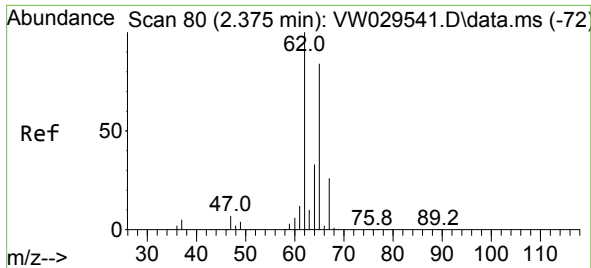
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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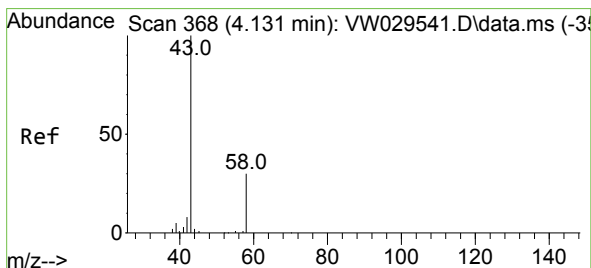
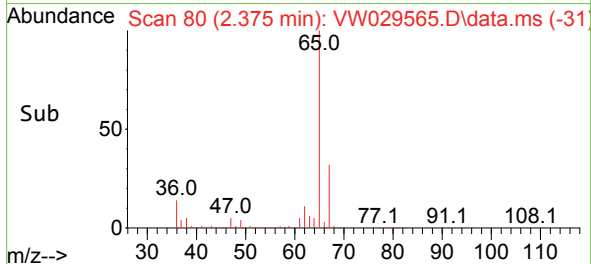
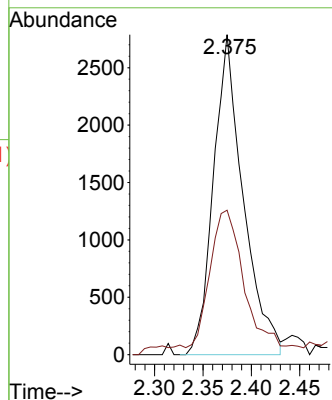
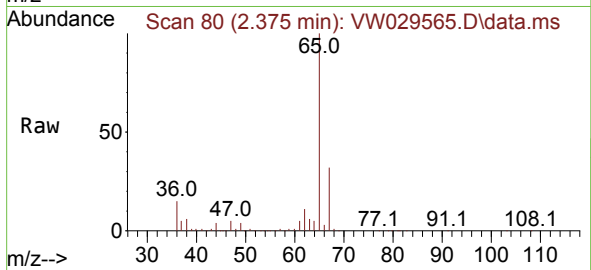




#5
 Vinyl chloride
 Concen: 1.283 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029565.D
 Acq: 12 Jul 2024 21:08

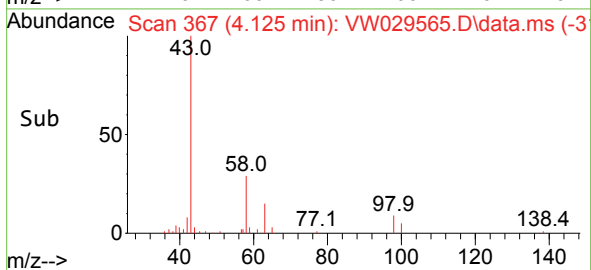
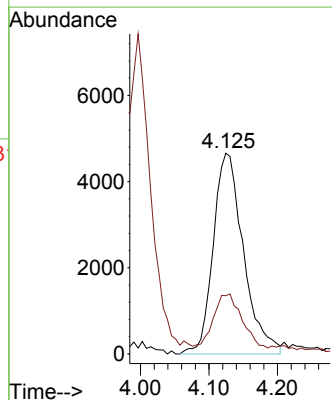
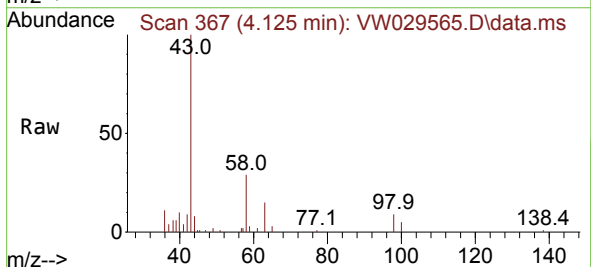
Instrument :
 MSVOA_W
 ClientSampleId :

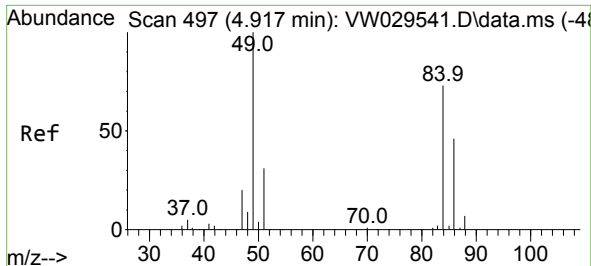
Tgt Ion: 62 Resp: 5947
 Ion Ratio Lower Upper
 62 100
 64 45.2 25.1 46.5



#13
 Acetone
 Concen: 9.410 ug/L
 RT: 4.125 min Scan# 367
 Delta R.T. -0.006 min
 Lab File: VW029565.D
 Acq: 12 Jul 2024 21:08

Tgt Ion: 43 Resp: 14278
 Ion Ratio Lower Upper
 43 100
 58 29.2 0.0 55.6

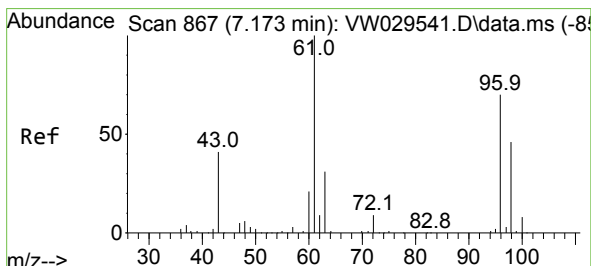
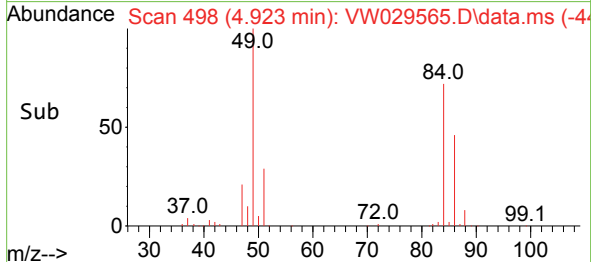
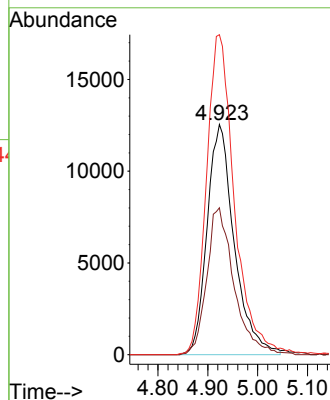
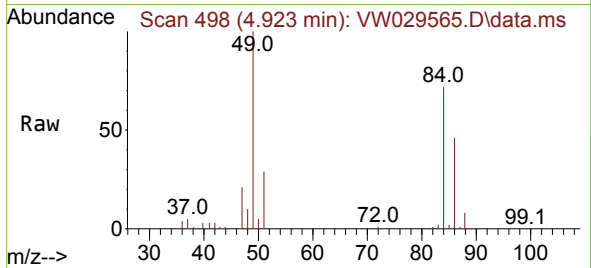




#16
Methylene chloride
Concen: 8.563 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW029565.D
Acq: 12 Jul 2024 21:08

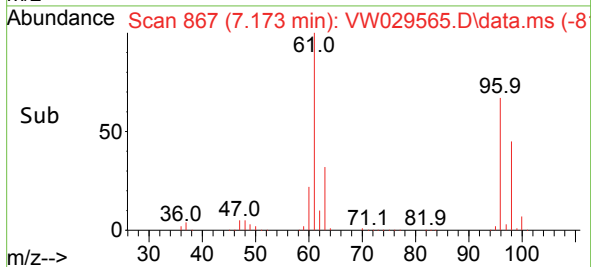
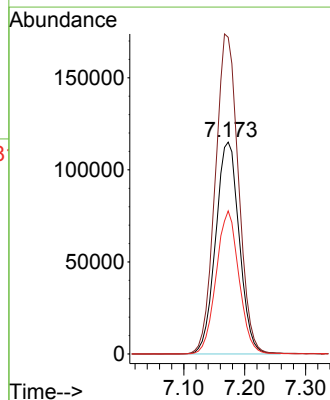
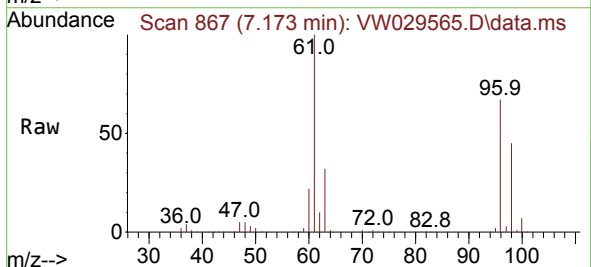
Instrument :
MSVOA_W
ClientSampleId :

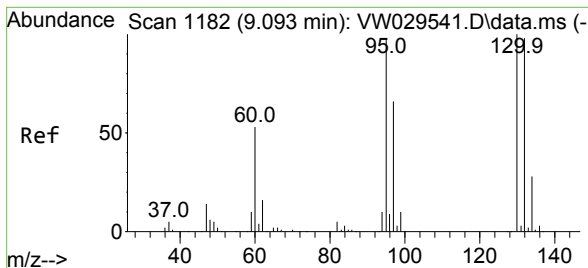
Tgt Ion: 84 Resp: 47529
Ion Ratio Lower Upper
84 100
86 63.8 46.2 85.8
49 139.0 96.7 179.7



#20
cis-1,2-Dichloroethene
Concen: 66.462 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029565.D
Acq: 12 Jul 2024 21:08

Tgt Ion: 96 Resp: 310179
Ion Ratio Lower Upper
96 100
61 149.5 97.4 180.8
98 67.5 41.6 77.2





#34

Trichloroethene

Concen: 13.529 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029565.D

Acq: 12 Jul 2024 21:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 61728

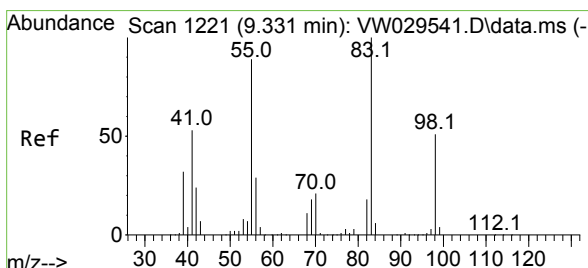
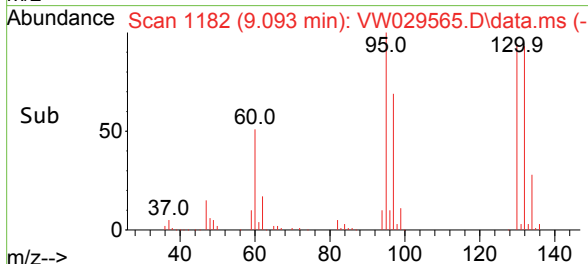
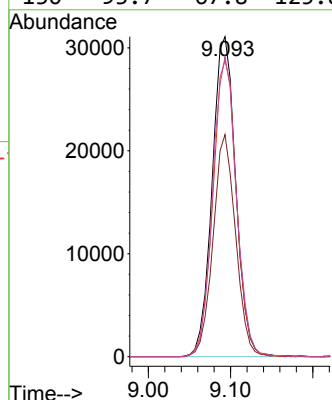
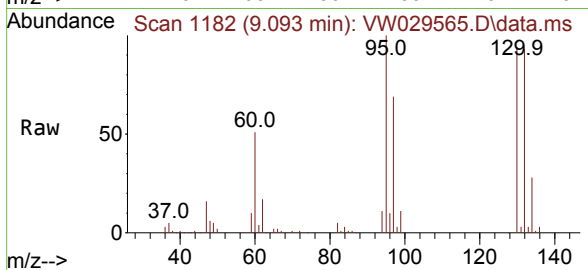
Ion Ratio Lower Upper

95 100

97 69.4 47.3 87.9

132 92.6 65.8 122.2

130 93.7 67.8 125.8



#35

Methylcyclohexane

Concen: 2.954 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.055 min

Lab File: VW029565.D

Acq: 12 Jul 2024 21:08

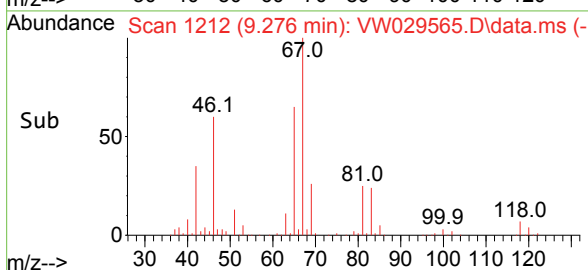
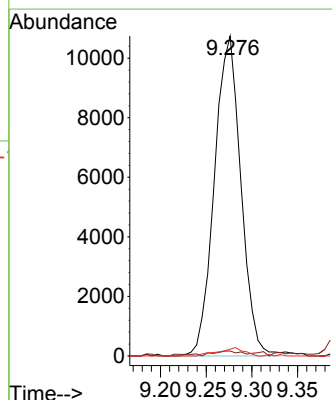
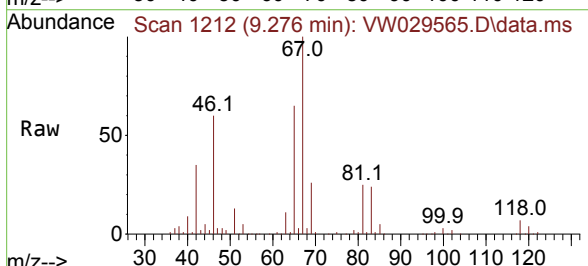
Tgt Ion: 83 Resp: 21661

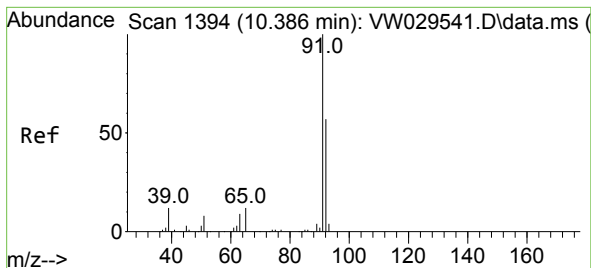
Ion Ratio Lower Upper

83 100

55 0.8 69.6 104.4#

98 2.5 38.3 57.5#





#42

Toluene

Concen: 0.760 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029565.D

Acq: 12 Jul 2024 21:08

Instrument :

MSVOA_W

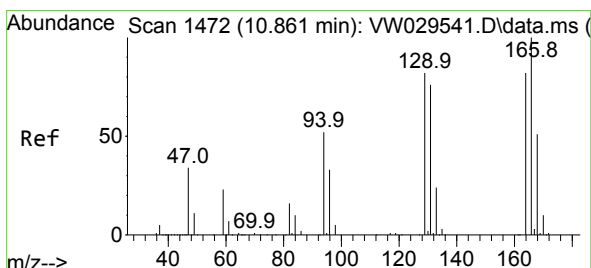
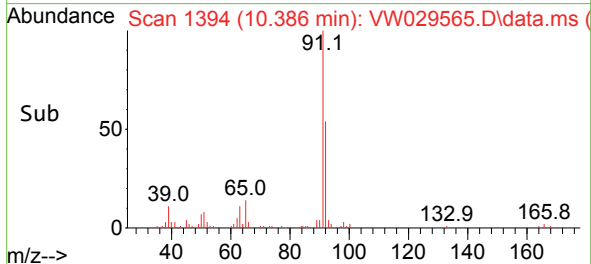
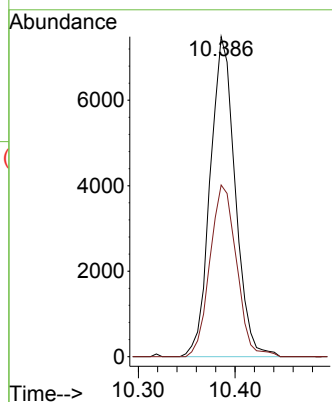
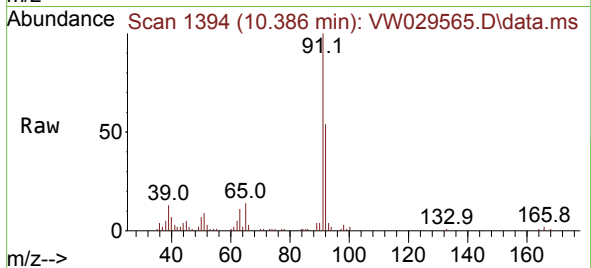
ClientSampleId :

Tgt Ion: 91 Resp: 13435

Ion Ratio Lower Upper

91 100

92 53.7 41.1 76.3



#46

Tetrachloroethene

Concen: 289.736 ug/L

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW029565.D

Acq: 12 Jul 2024 21:08

Tgt Ion:164 Resp: 939209

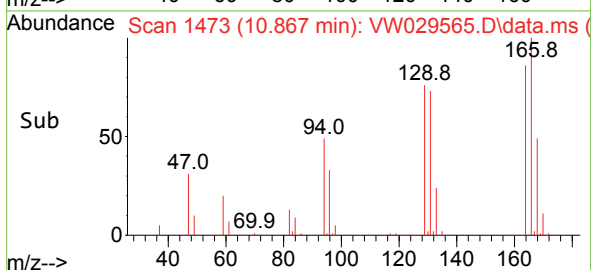
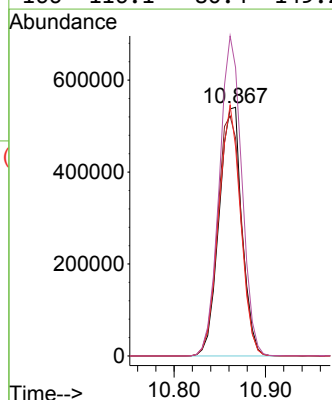
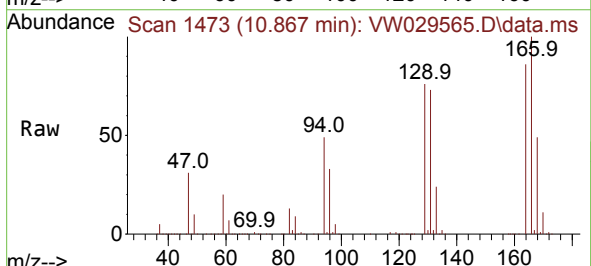
Ion Ratio Lower Upper

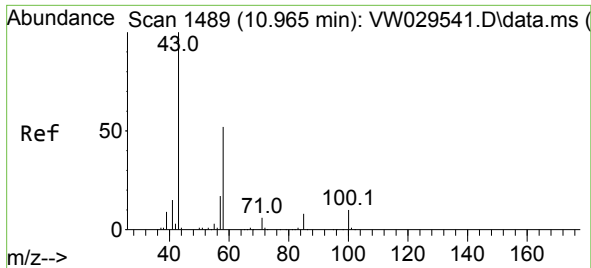
164 100

129 87.7 60.0 111.4

131 84.2 64.6 120.0

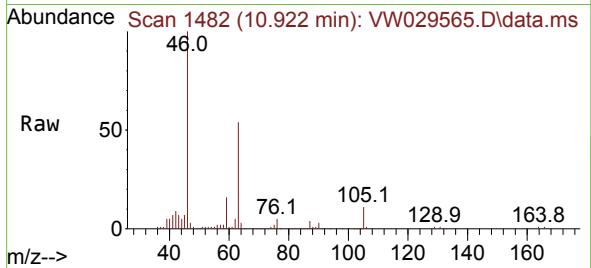
166 116.1 80.4 149.2



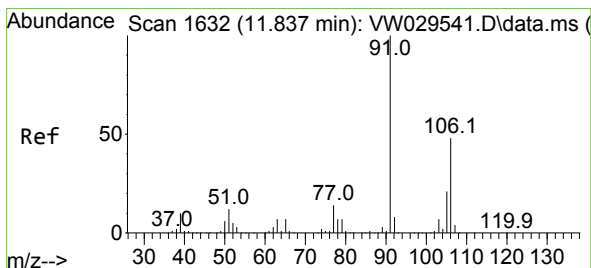
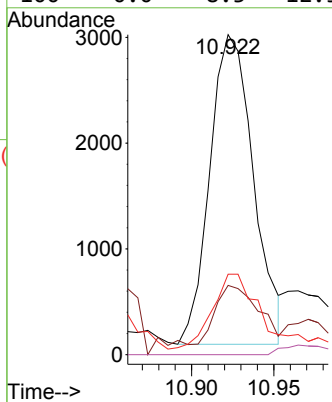
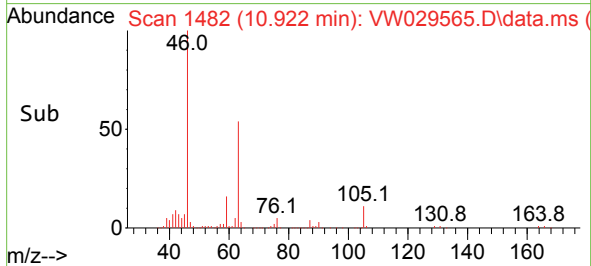


#48
2-Hexanone
Concen: 2.143 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW029565.D
Acq: 12 Jul 2024 21:08

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 5422
Ion Ratio Lower Upper
43 100
58 24.4 39.8 59.8#
57 25.3 14.6 21.8#
100 0.0 8.3 12.5#



#53
m,p-Xylene
Concen: 0.312 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029565.D
Acq: 12 Jul 2024 21:08

Tgt Ion: 106 Resp: 2292
Ion Ratio Lower Upper
106 100
91 189.8 149.3 277.3

