

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026045.D
 Acq On : 25 May 2023 17:02
 Operator : SY/MD
 Sample : 02950-21
 Misc : 2.94g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW997

Quant Time: May 26 00:35:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 00:33:05 2023
 Response via : Initial Calibration

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

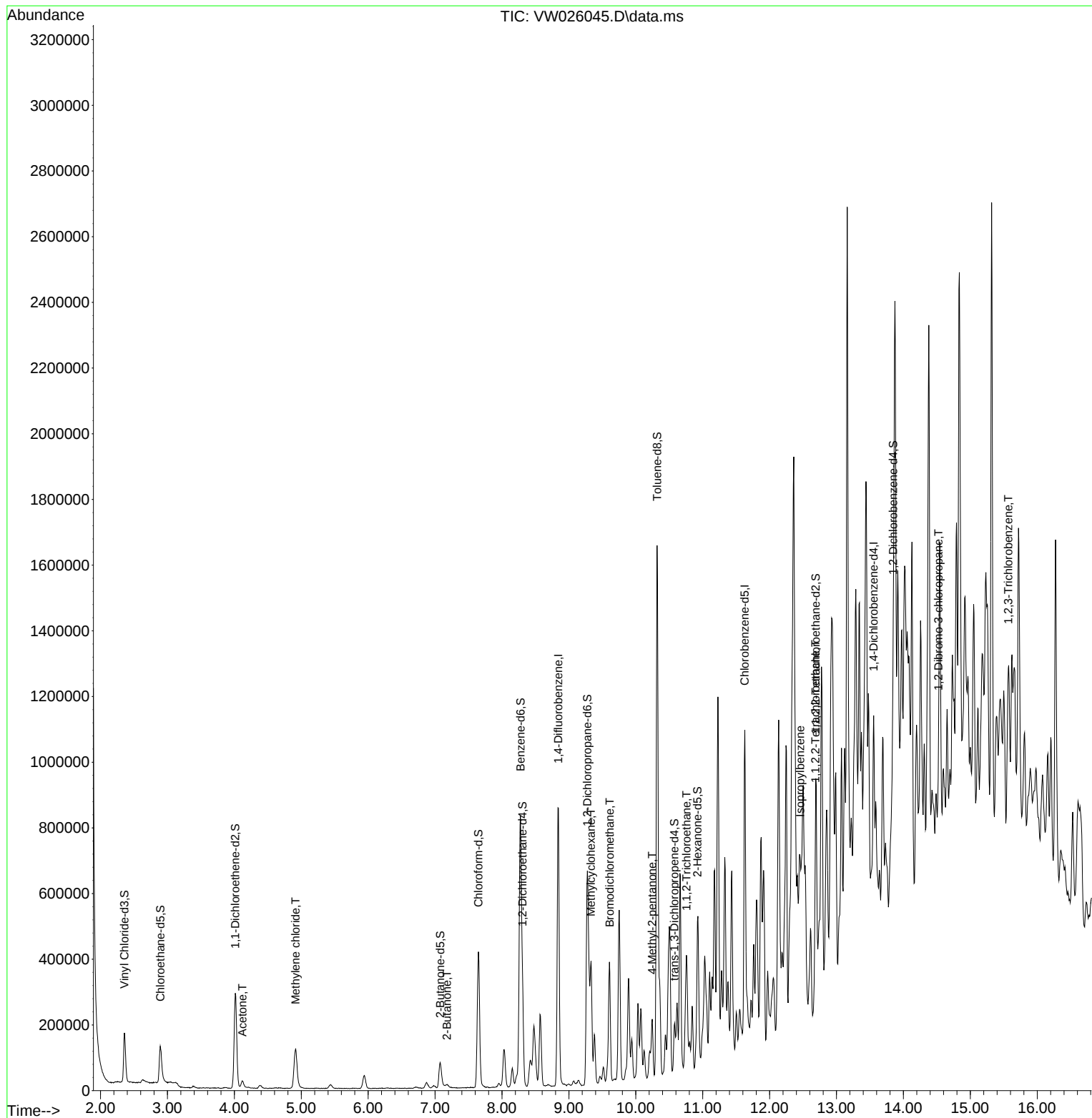
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678853	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	461271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	138799	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	173564	18.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.160%
7) Chloroethane-d5	2.893	69	167157	23.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.760%
11) 1,1-Dichloroethene-d2	4.015	65	93684	19.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.800%
21) 2-Butanone-d5	7.075	46	140897	44.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.600%
24) Chloroform-d	7.648	84	414873	21.194	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	8.307	65	237848	21.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.960%
32) Benzene-d6	8.276	84	828693	27.494	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.960%
36) 1,2-Dichloropropane-d6	9.276	67	281597	29.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.800%
41) Toluene-d8	10.319	98	693330	25.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	10.575	79	77901	19.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.720%
47) 2-Hexanone-d5	10.922	63	95761	58.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	179685	24.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	121315	23.976	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.920%
Target Compounds						Qvalue
13) Acetone	4.119	43	39296	13.935	ug/L	76
16) Methylene chloride	4.917	84	85173	6.084	ug/L	96
22) 2-Butanone	7.179	43	15229	3.911	ug/L	99
35) Methylcyclohexane	9.331	83	81432	5.591	ug/L #	82
38) Bromodichloromethane	9.611	83	11844	1.181	ug/L #	37
40) 4-Methyl-2-pentanone	10.245	43	20245	3.557	ug/L #	70
45) 1,1,2-Trichloroethane	10.758	97	99877	17.077	ug/L #	22
57) 1,1,2,2-Tetrachloroethane	12.684	83	23813	3.263	ug/L #	76
60) Isopropylbenzene	12.458	105	34043	1.614	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.525	75	2530	3.326	ug/L #	78
72) 1,2,3-Trichlorobenzene	15.568	180	4943	1.103	ug/L #	61

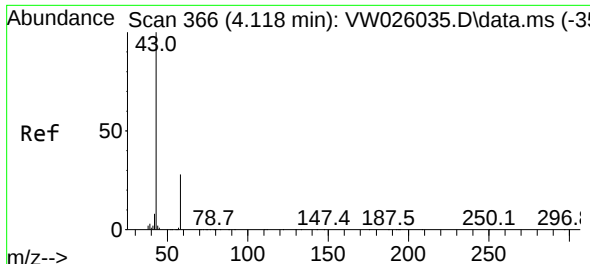
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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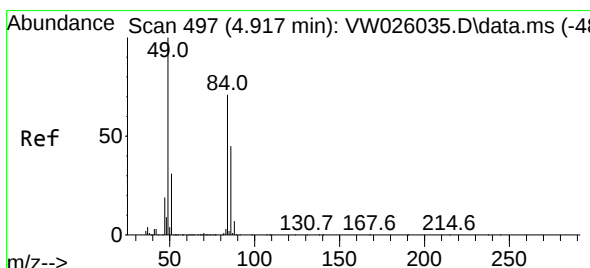
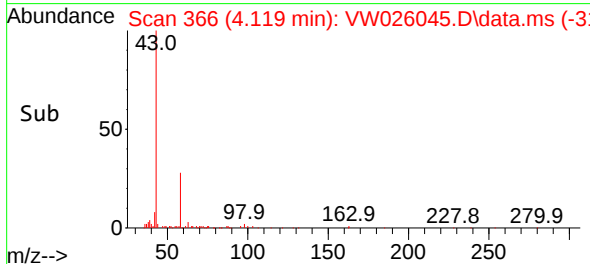
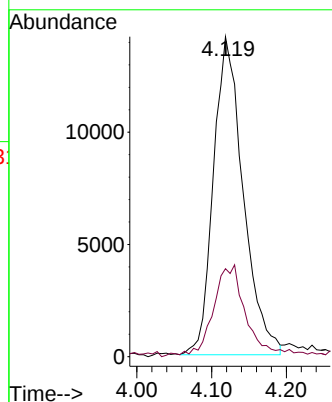
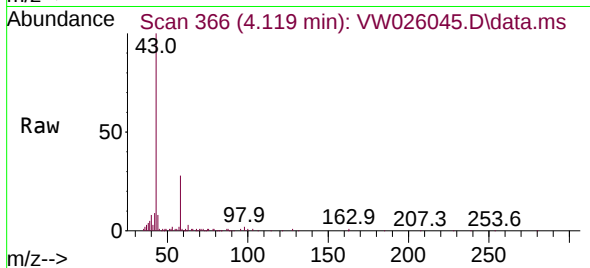




#13
Acetone
Concen: 13.935 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026045.D
Acq: 25 May 2023 17:02

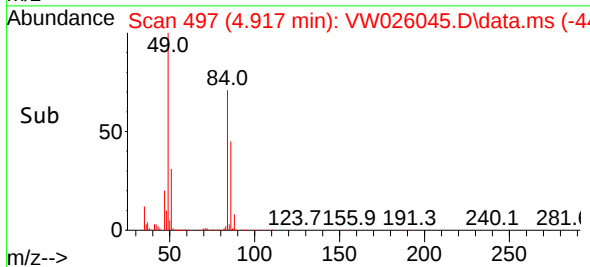
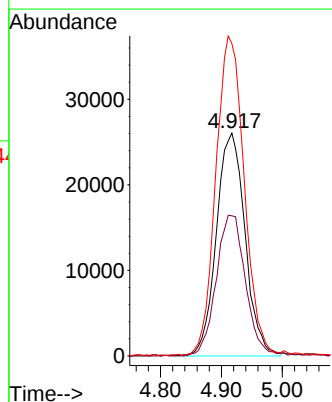
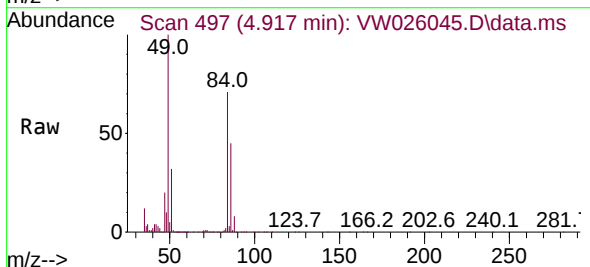
Instrument :
MSVOA_W
ClientSampleId :
EW997

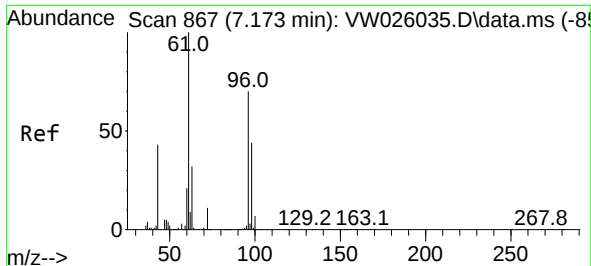
Tgt Ion: 43 Resp: 39296
Ion Ratio Lower Upper
43 100
58 16.5 0.0 58.2



#16
Methylene chloride
Concen: 6.084 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026045.D
Acq: 25 May 2023 17:02

Tgt Ion: 84 Resp: 85173
Ion Ratio Lower Upper
84 100
86 62.9 41.7 77.5
49 140.2 95.3 177.1

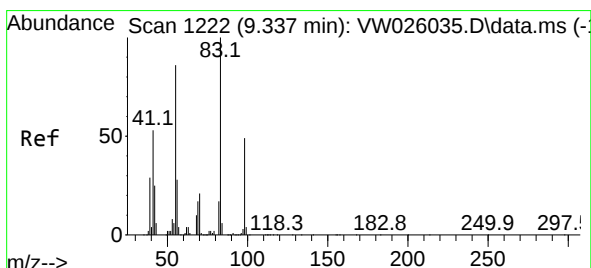
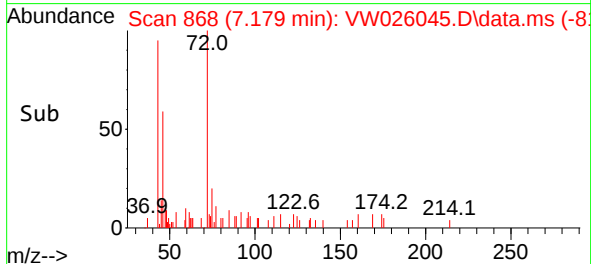
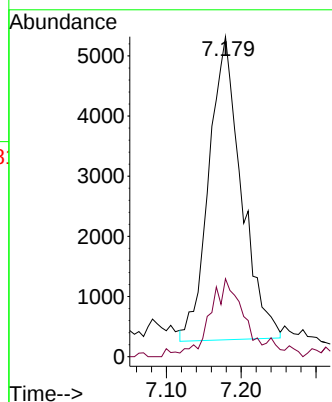
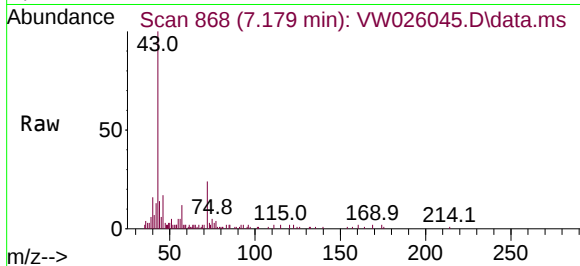




#22
2-Butanone
Concen: 3.911 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026045.D
Acq: 25 May 2023 17:02

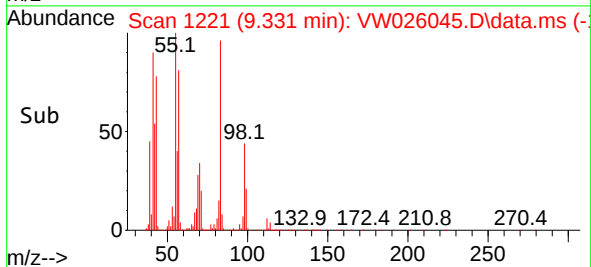
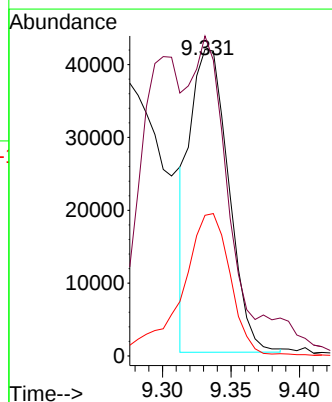
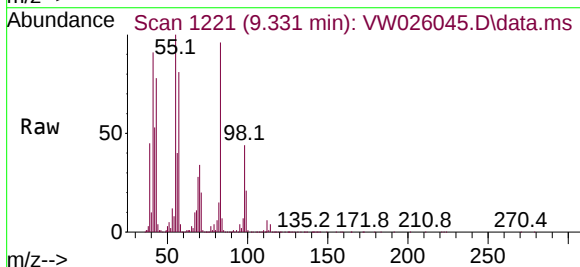
Instrument :
MSVOA_W
ClientSampleId :
EW997

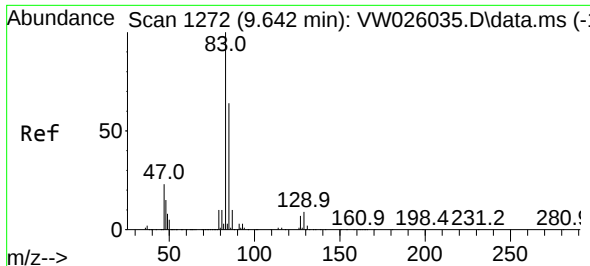
Tgt Ion: 43 Resp: 15229
Ion Ratio Lower Upper
43 100
72 24.3 11.8 35.4



#35
Methylcyclohexane
Concen: 5.591 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026045.D
Acq: 25 May 2023 17:02

Tgt Ion: 83 Resp: 81432
Ion Ratio Lower Upper
83 100
55 71.5 69.0 103.4
98 60.2 37.1 55.7#

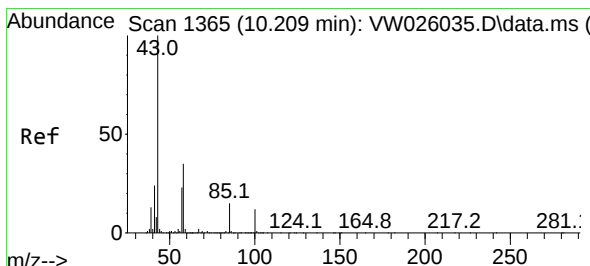
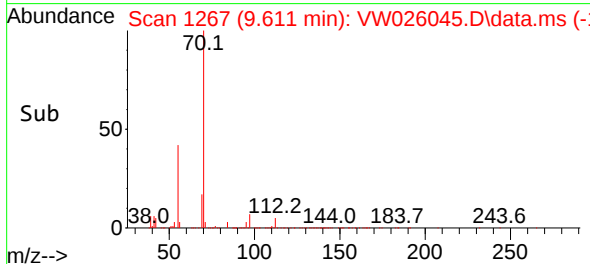
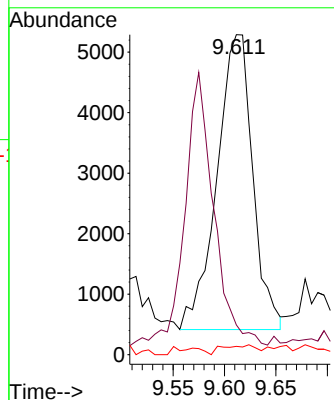
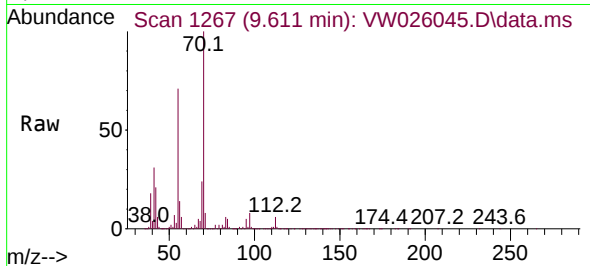




#38
Bromodichloromethane
Concen: 1.181 ug/L
RT: 9.611 min Scan# 11844
Delta R.T. -0.030 min
Lab File: VW026045.D
Acq: 25 May 2023 17:02

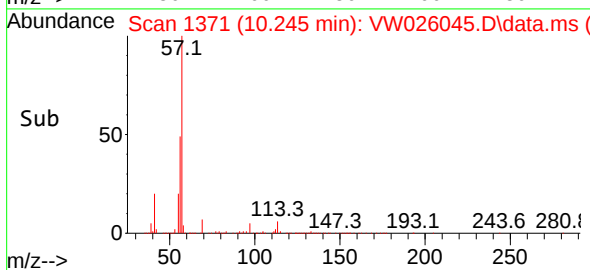
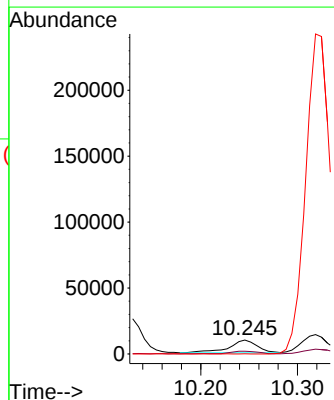
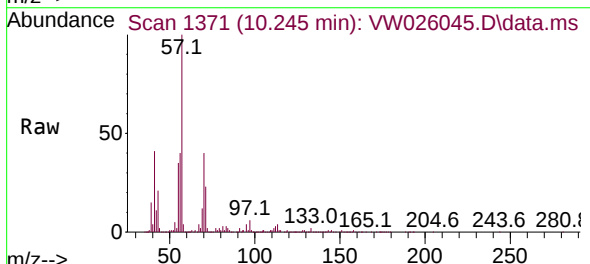
Instrument :
MSVOA_W
ClientSampleId :
EW997

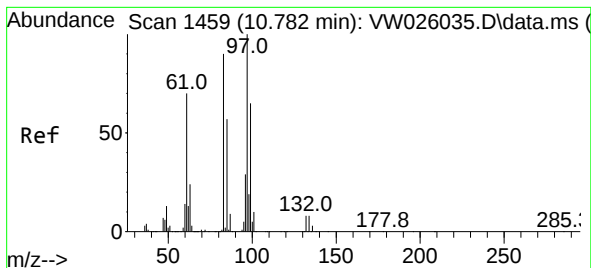
Tgt Ion:	83	Resp:	11844
Ion	Ratio	Lower	Upper
83	100		
85	9.3	44.4	82.5#
127	2.6	6.5	9.7#



#40
4-Methyl-2-pentanone
Concen: 3.557 ug/L
RT: 10.245 min Scan# 1371
Delta R.T. 0.037 min
Lab File: VW026045.D
Acq: 25 May 2023 17:02

Tgt Ion:	43	Resp:	20245
Ion	Ratio	Lower	Upper
43	100		
58	19.1	29.4	44.0#
100	0.3	10.1	15.1#





#45

1,1,2-Trichloroethane

Concen: 17.077 ug/L

RT: 10.758 min Scan# 1455

Delta R.T. -0.024 min

Lab File: VW026045.D

Acq: 25 May 2023 17:02

Instrument :

MSVOA_W

ClientSampleId :

EW997

Tgt Ion: 97 Resp: 99877

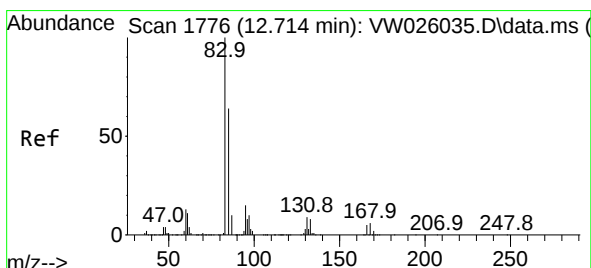
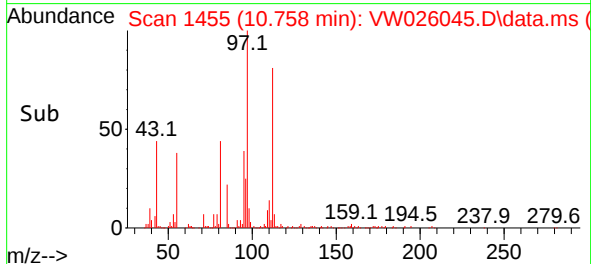
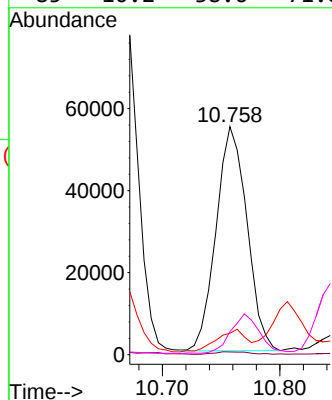
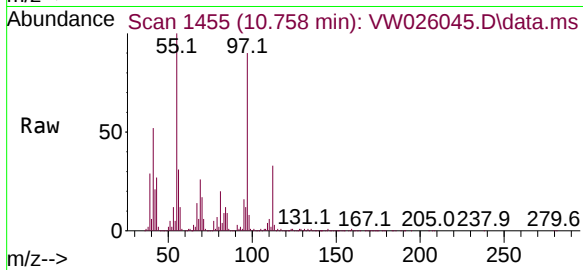
Ion Ratio Lower Upper

97 100

99 1.2 44.5 82.7#

83 9.4 63.0 117.0#

85 10.2 38.6 71.8#



#57

1,1,2,2-Tetrachloroethane

Concen: 3.263 ug/L

RT: 12.684 min Scan# 1771

Delta R.T. -0.030 min

Lab File: VW026045.D

Acq: 25 May 2023 17:02

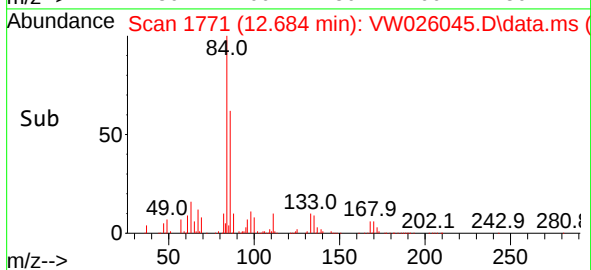
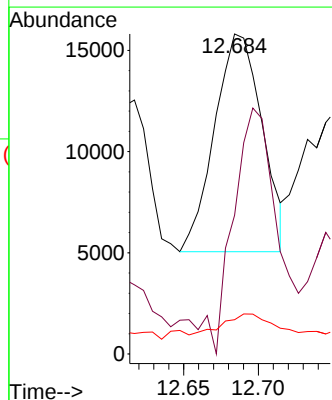
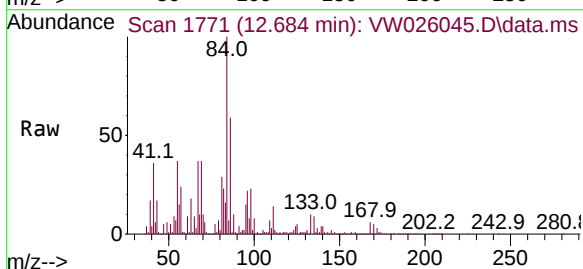
Tgt Ion: 83 Resp: 23813

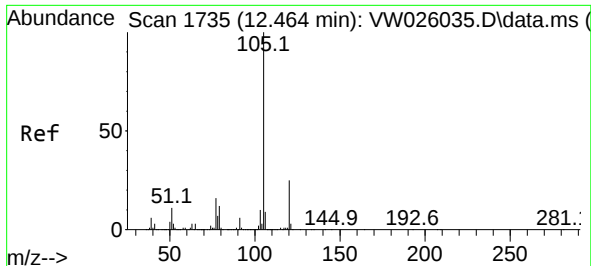
Ion Ratio Lower Upper

83 100

85 43.3 45.6 84.8#

131 10.7 8.1 12.1

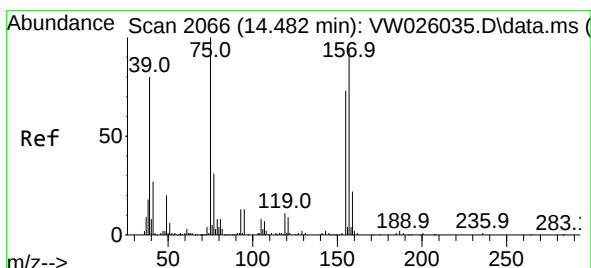
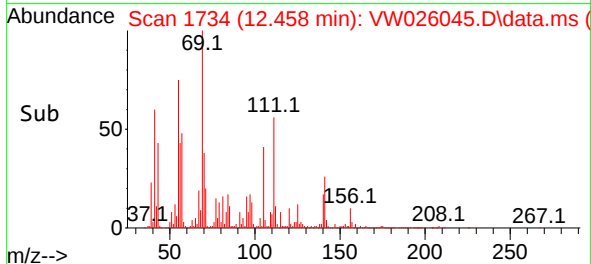
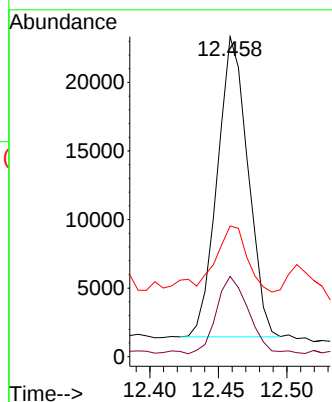
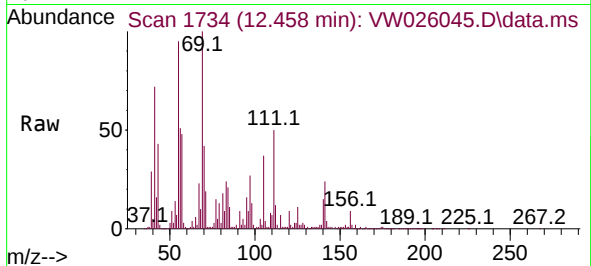




#60
Isopropylbenzene
Concen: 1.614 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026045.D
Acq: 25 May 2023 17:02

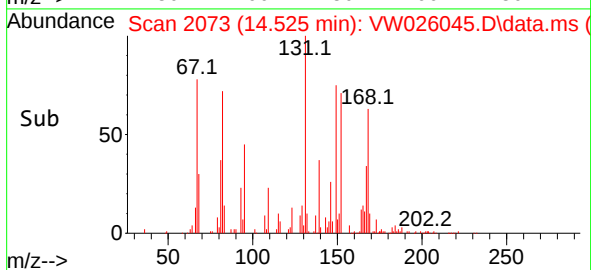
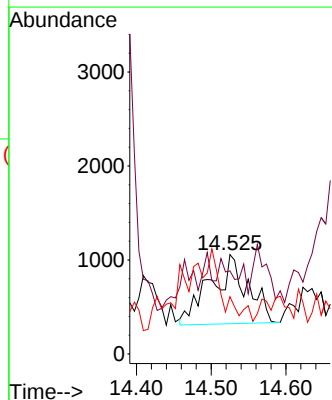
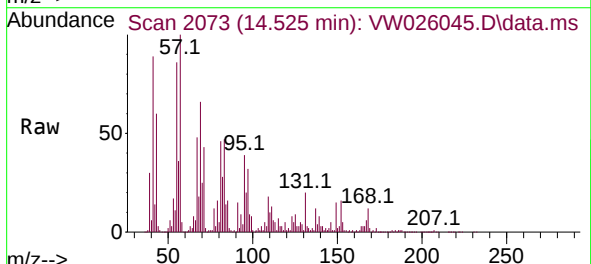
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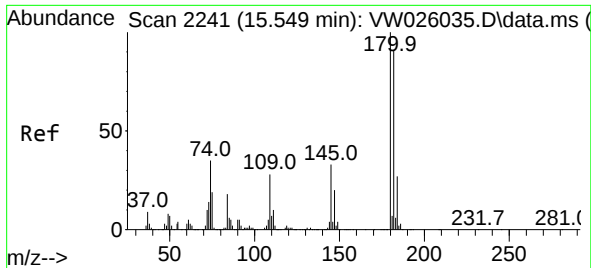
Tgt Ion:105 Resp: 34043
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 28.4 13.4 20.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 3.326 ug/L
RT: 14.525 min Scan# 2073
Delta R.T. 0.043 min
Lab File: VW026045.D
Acq: 25 May 2023 17:02

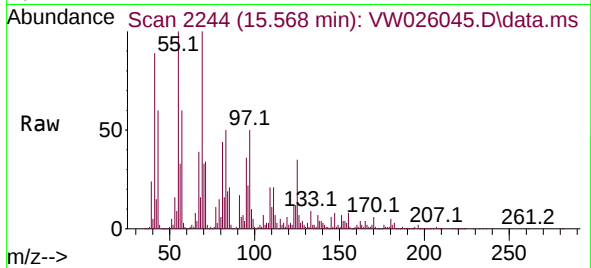
Tgt Ion: 75 Resp: 2530
Ion Ratio Lower Upper
75 100
155 83.5 56.3 84.5
157 57.7 66.3 99.5#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.103 ug/L
 RT: 15.568 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VW026045.D
 Acq: 25 May 2023 17:02

Instrument :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	125.9	76.1	114.1#
145	0.0	28.0	42.0#

