

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027423.D
 Acq On : 24 Oct 2023 17:45
 Operator : SY/MD
 Sample : 04961-14
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 01:33:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

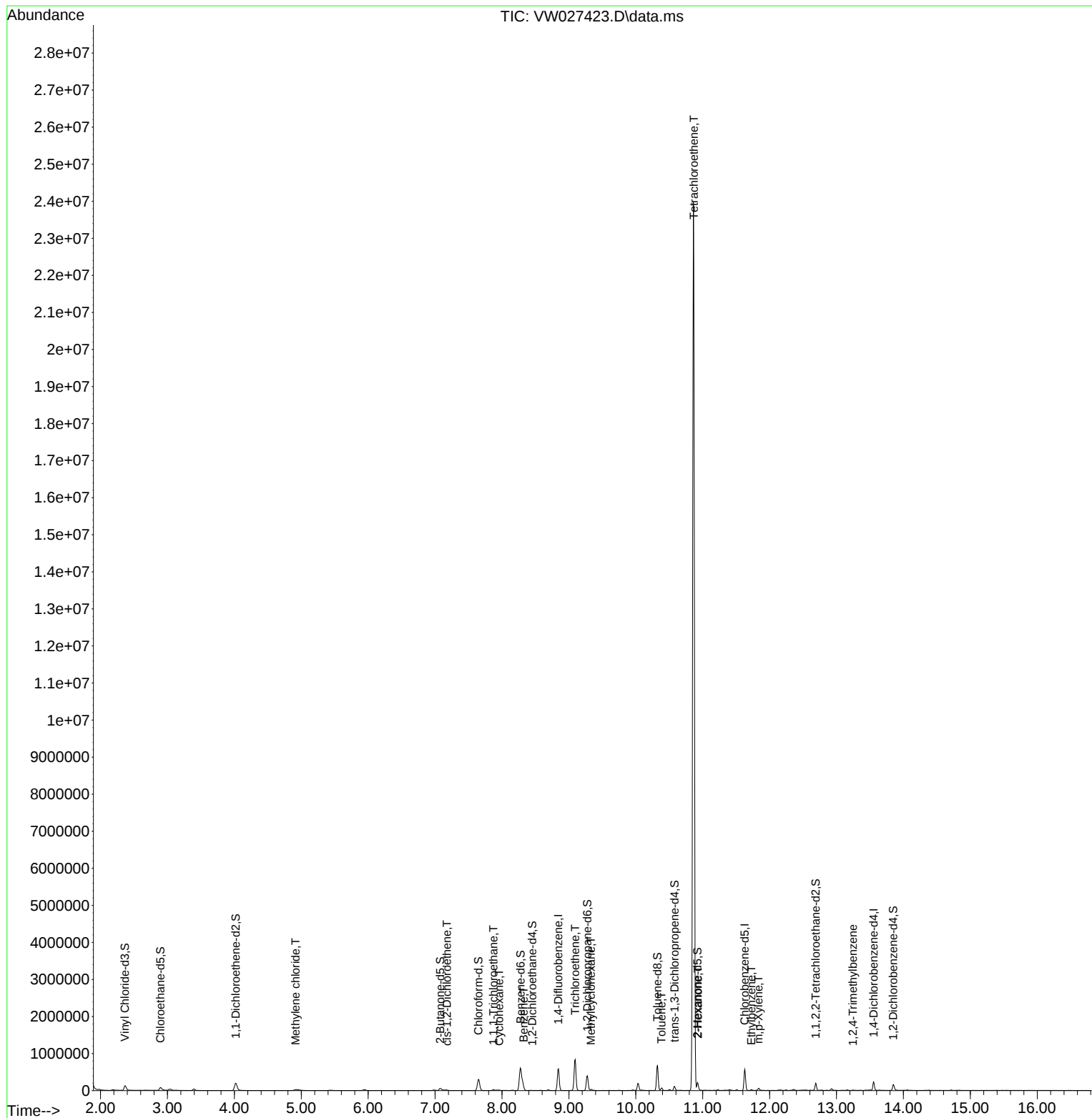
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	479316	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	298192	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	56054	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	130424	17.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.320%
7) Chloroethane-d5	2.893	69	108281	20.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.480%
11) 1,1-Dichloroethene-d2	4.021	65	67013	18.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.120%
21) 2-Butanone-d5	7.075	46	104050	42.795	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.580%
24) Chloroform-d	7.648	84	306916	21.484	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.920%
26) 1,2-Dichloroethane-d4	8.453	65	95	0.012	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	608876	30.180	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.720%
36) 1,2-Dichloropropane-d6	9.276	67	191982	31.155	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.600%#
41) Toluene-d8	10.325	98	424376	23.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	10.581	79	61868	22.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.080%
47) 2-Hexanone-d5	10.922	63	67286	52.777	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97792	21.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	37553	18.487	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.960%#
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	18056	2.058	ug/L	97
20) cis-1,2-Dichloroethene	7.179	96	6666	0.874	ug/L	81
29) Cyclohexane	7.959	56	7714	0.852	ug/L	89
30) 1,1,1-Trichloroethane	7.874	97	16592	2.281	ug/L	97
33) Benzene	8.325	78	18557	0.952	ug/L	100
34) Trichloroethene	9.093	95	297847	57.860	ug/L	94
35) Methylcyclohexane	9.331	83	10566	1.148	ug/L	91
42) Toluene	10.385	91	48561	2.375	ug/L	97
46) Tetrachloroethene	10.867	164	4987020	1403.022	ug/L	96
48) 2-Hexanone	10.928	43	13739	5.122	ug/L #	51
52) Ethylbenzene	11.727	91	13468	0.567	ug/L	98
53) m,p-Xylene	11.836	106	7576	0.841	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	4843	0.674	ug/L	98

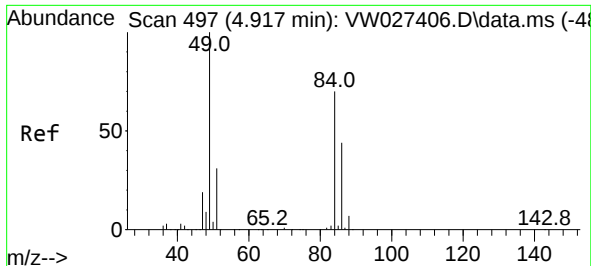
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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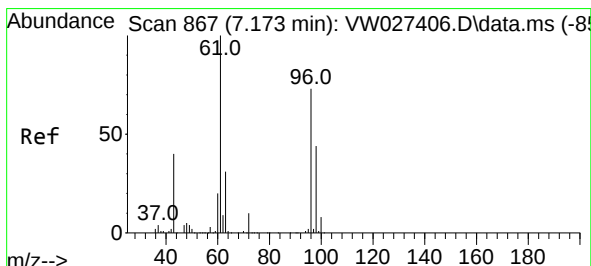
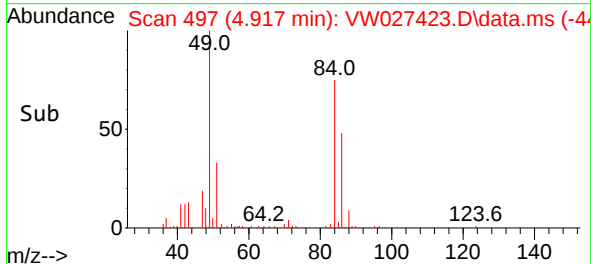
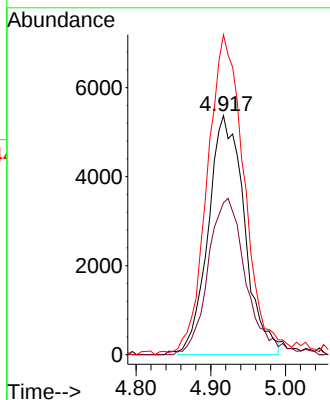
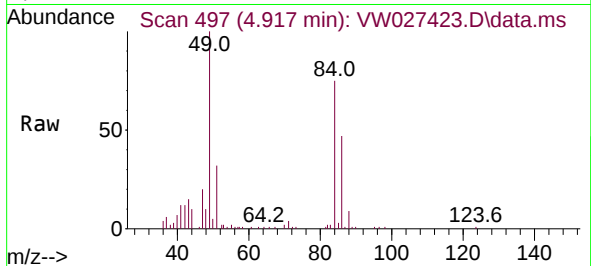




#16
Methylene chloride
Concen: 2.058 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

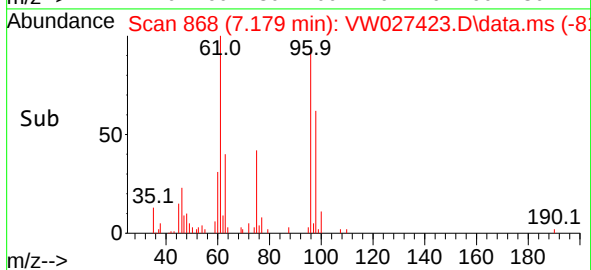
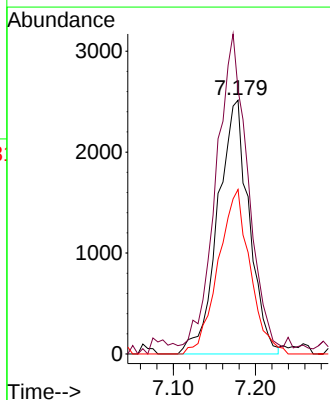
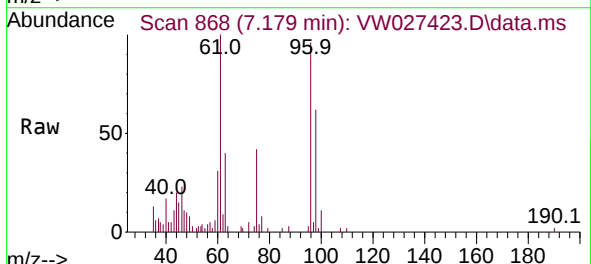
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MSVOA_W
ClientSampleId :

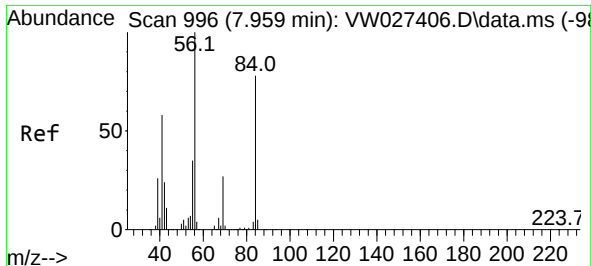
Tgt Ion: 84 Resp: 18056
Ion Ratio Lower Upper
84 100
86 63.5 41.3 76.7
49 133.8 92.8 172.4



#20
cis-1,2-Dichloroethene
Concen: 0.874 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

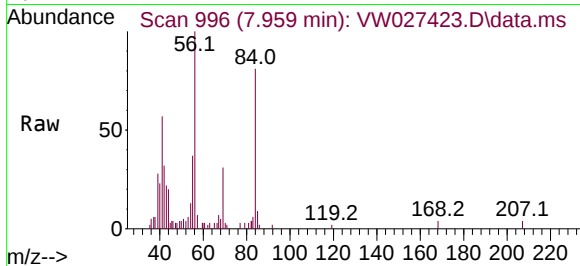
Tgt Ion: 96 Resp: 6666
Ion Ratio Lower Upper
96 100
61 104.1 96.2 178.8
98 64.8 46.0 85.4



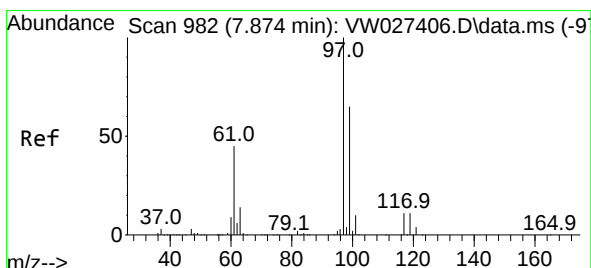
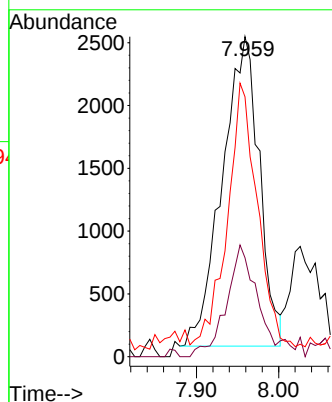
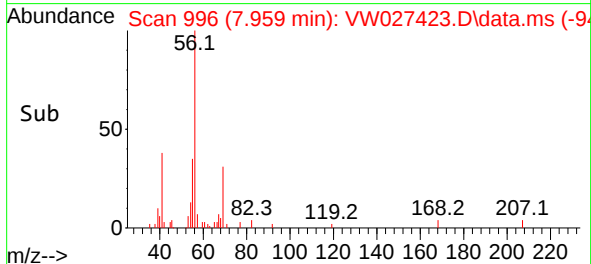


#29
Cyclohexane
Concen: 0.852 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

Instrument :
MSVOA_W
ClientSampleId :

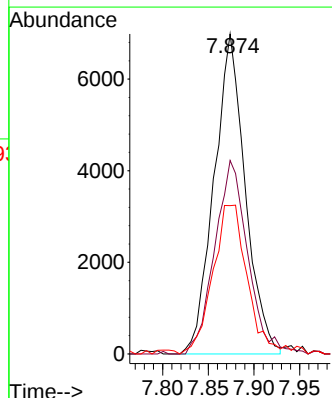
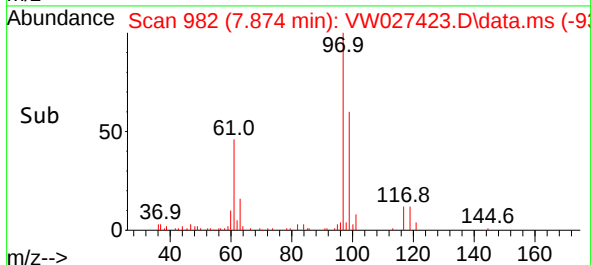
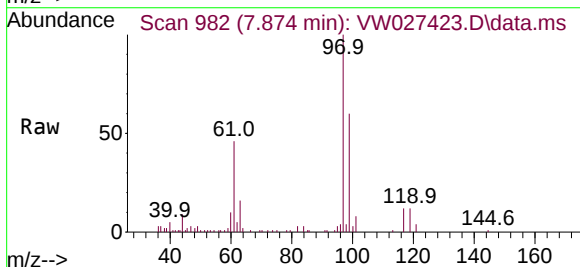


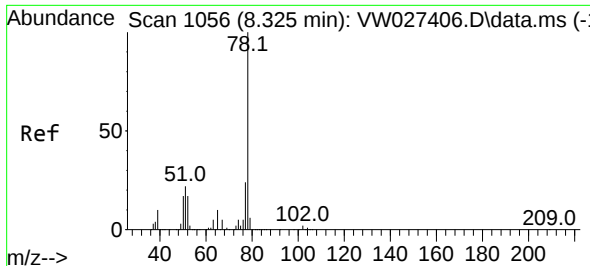
Tgt Ion: 56	Resp: 7714
Ion Ratio	Lower Upper
56	100
69	25.7 24.2 36.4
84	70.4 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 2.281 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

Tgt Ion: 97	Resp: 16592
Ion Ratio	Lower Upper
97	100
99	64.0 51.4 77.0
61	51.3 37.4 56.0

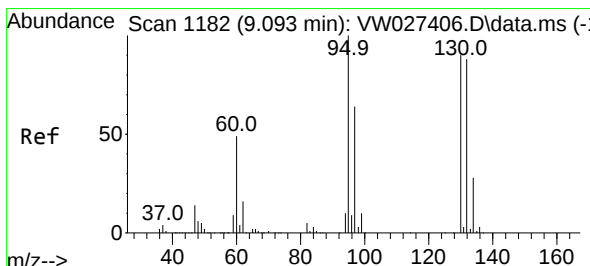
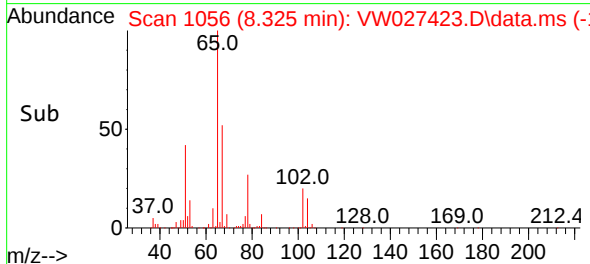
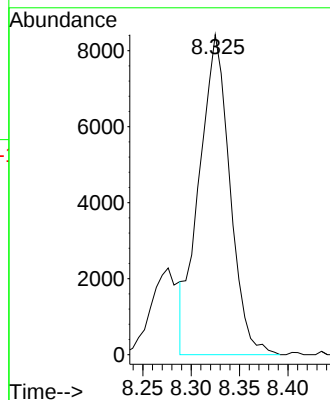
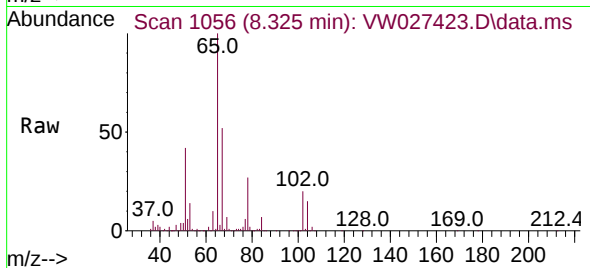




#33
Benzene
Concen: 0.952 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

Instrument :
MSVOA_W
ClientSampleId :

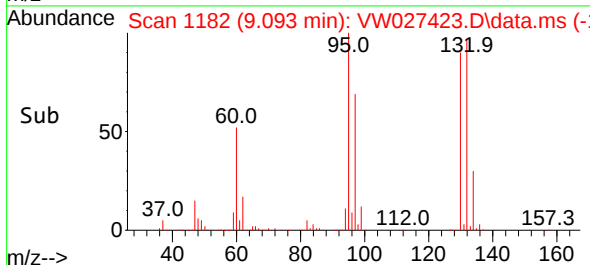
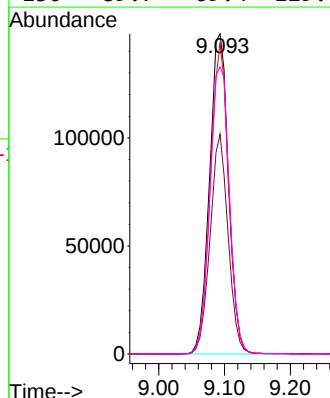
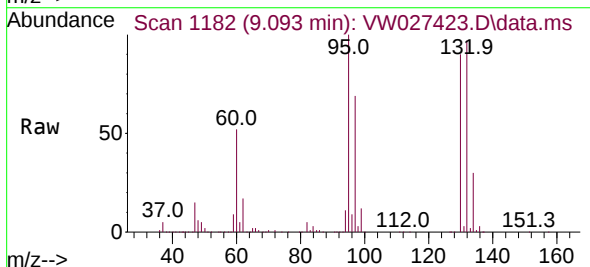
Tgt Ion: 78 Resp: 18557

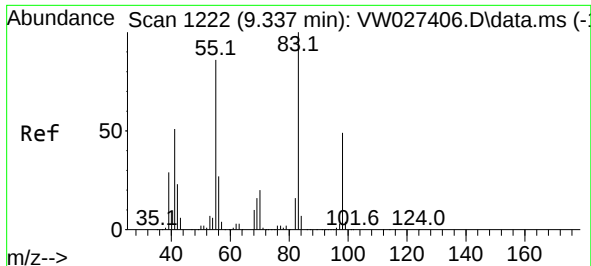


#34
Trichloroethene
Concen: 57.860 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

Tgt Ion: 95 Resp: 297847

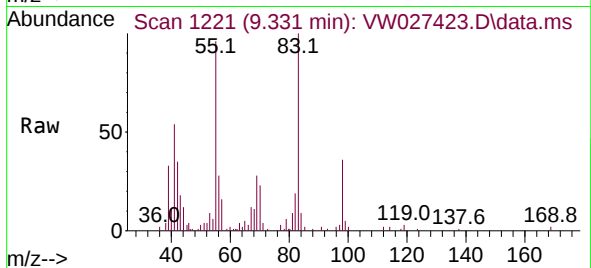
Ion	Ratio	Lower	Upper
95	100		
97	68.6	43.4	80.6
132	97.1	67.6	125.6
130	89.7	69.4	129.0



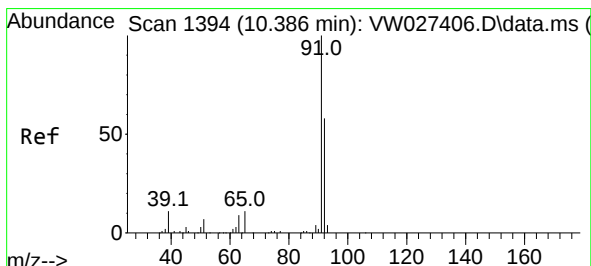
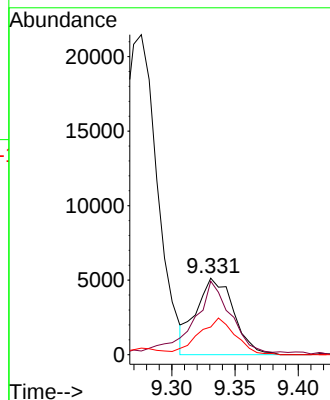
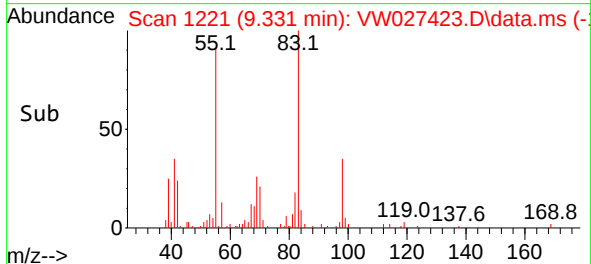


#35
Methylcyclohexane
Concen: 1.148 ug/L
RT: 9.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

Instrument :
MSVOA_W
ClientSampleId :

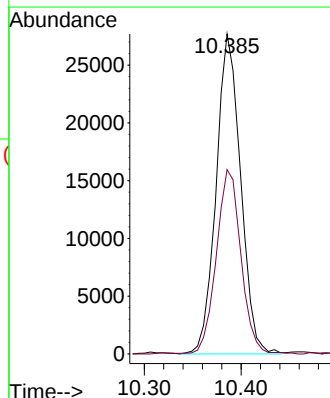
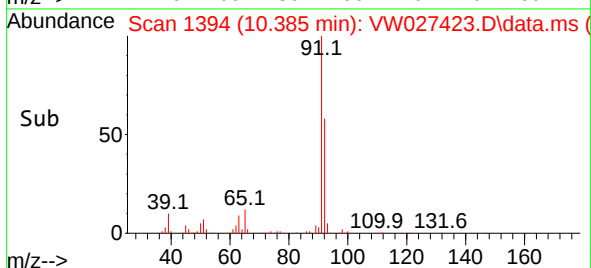
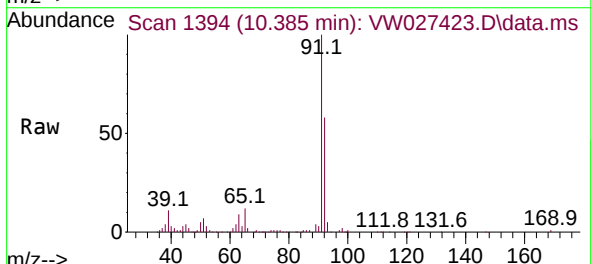


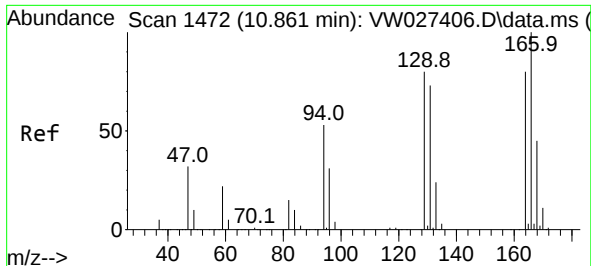
Tgt Ion: 83 Resp: 10566
Ion Ratio Lower Upper
83 100
55 93.6 65.8 98.8
98 46.3 38.1 57.1



#42
Toluene
Concen: 2.375 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

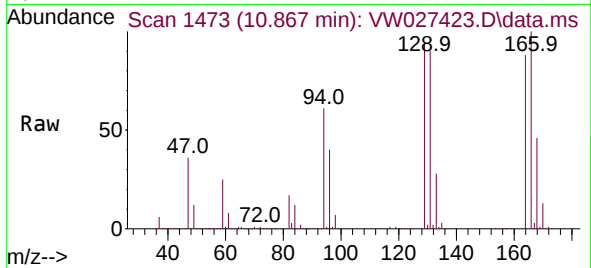
Tgt Ion: 91 Resp: 48561
Ion Ratio Lower Upper
91 100
92 57.6 42.1 78.1



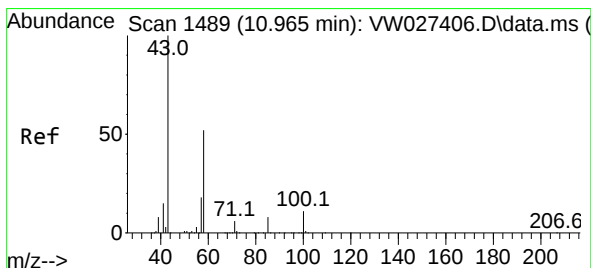
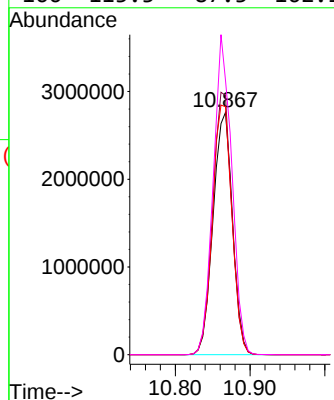


#46
Tetrachloroethene
Concen: 1403.022 ug/L
RT: 10.867 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

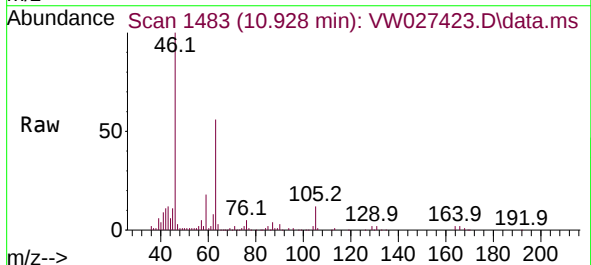
Instrument :
MSVOA_W
ClientSampleId :



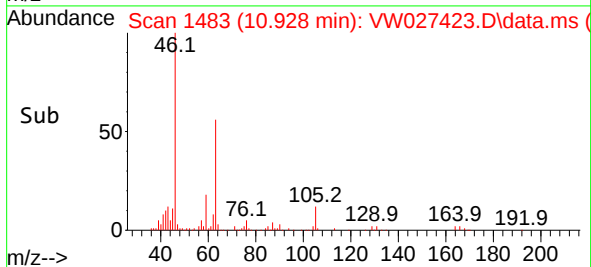
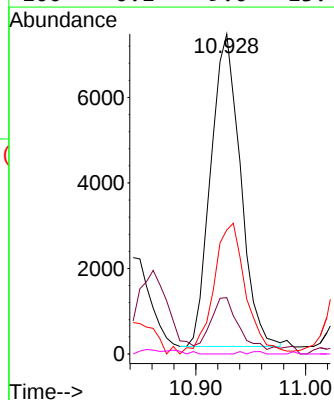
Tgt Ion:164 Resp: 4987020
Ion Ratio Lower Upper
164 100
129 107.1 74.7 138.7
131 102.4 73.2 136.0
166 113.3 87.3 162.1

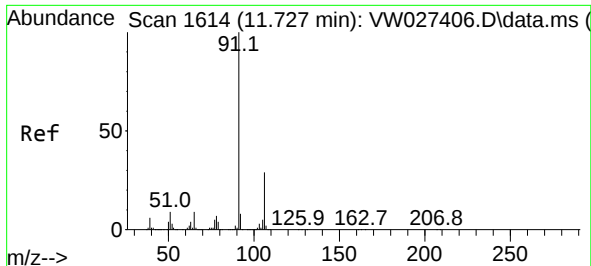


#48
2-Hexanone
Concen: 5.122 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.037 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45



Tgt Ion: 43 Resp: 13739
Ion Ratio Lower Upper
43 100
58 17.9 42.2 63.4#
57 45.2 15.1 22.7#
100 0.1 9.0 13.4#

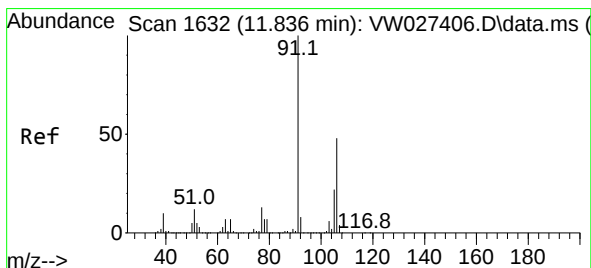
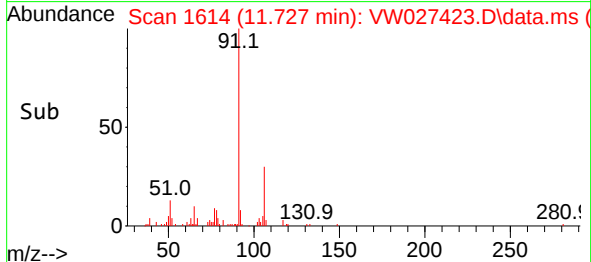
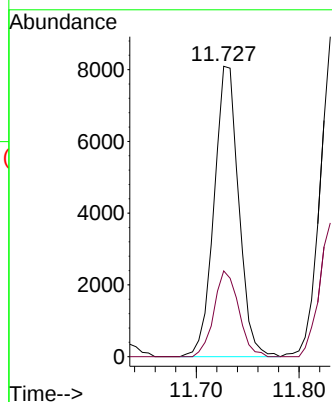
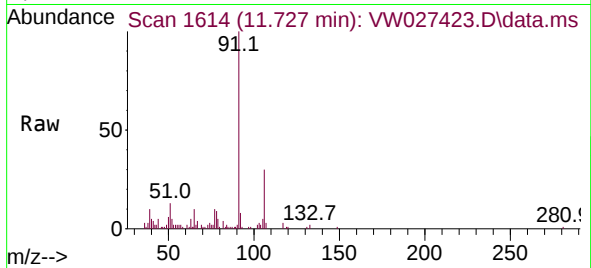




#52
Ethylbenzene
Concen: 0.567 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

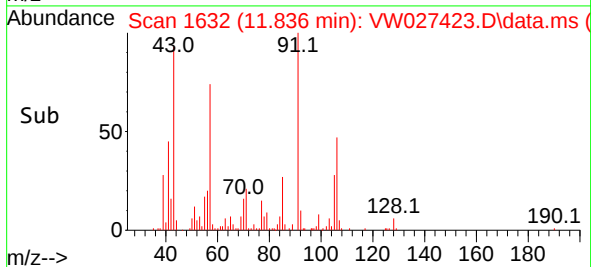
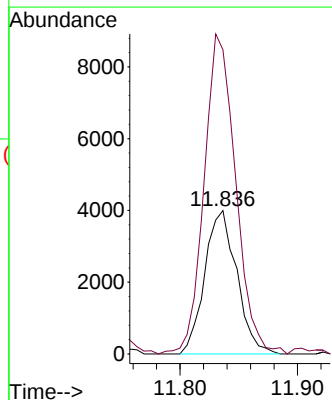
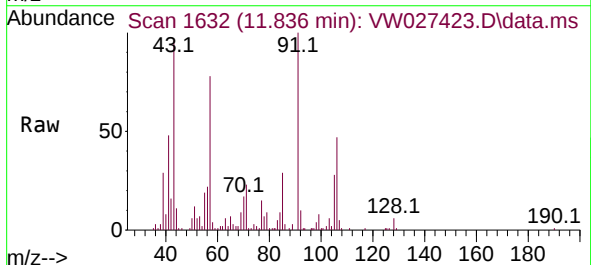
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MSVOA_W
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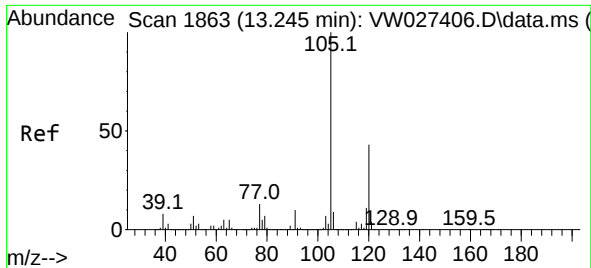
Tgt Ion: 91 Resp: 13468
Ion Ratio Lower Upper
91 100
106 29.5 19.8 36.8



#53
m,p-Xylene
Concen: 0.841 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

Tgt Ion: 106 Resp: 7576
Ion Ratio Lower Upper
106 100
91 212.3 144.5 268.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.674 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW027423.D
 Acq: 24 Oct 2023 17:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 4843
 Ion Ratio Lower Upper
 105 100
 120 45.6 35.4 53.2

