

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101123\
 Data File : VV032382.D
 Acq On : 11 Oct 2023 10:43
 Operator : SY/MD
 Sample : 04774-13DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX873DL

Quant Time: Oct 12 03:03:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

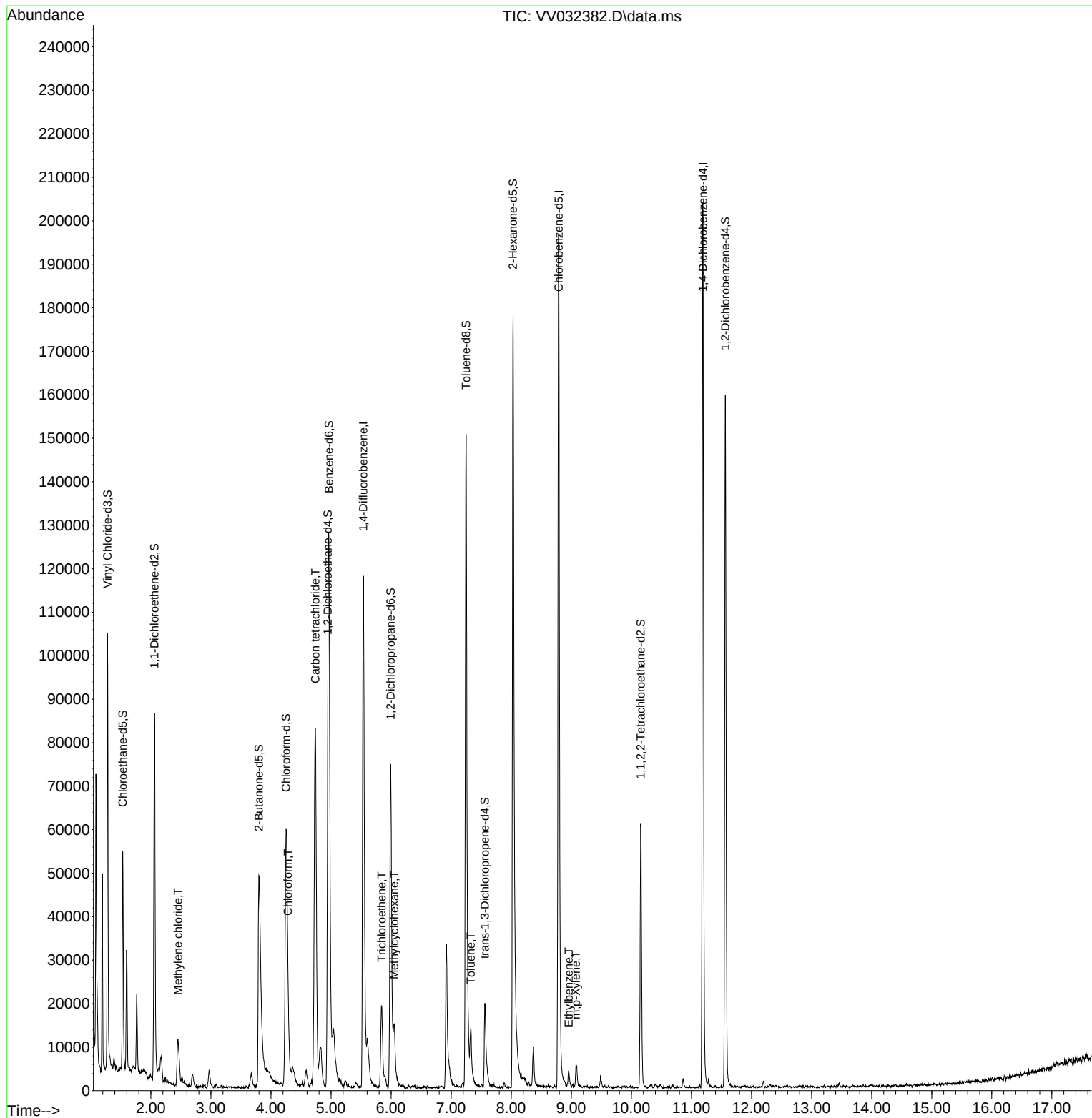
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	102929	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	114116	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	54074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38075	4.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.532	69	31428	4.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.060	65	15024	4.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.799	46	74203	35.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.080%
24) Chloroform-d	4.249	84	62567	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	4.947	65	29019	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	4.963	84	119998	3.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
36) 1,2-Dichloropropane-d6	5.992	67	38748	3.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.600%
41) Toluene-d8	7.246	98	109953	3.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	7.561	79	13498	3.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.030	63	67199	36.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.460%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30834	3.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	40141	4.000	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.452	84	3856	0.392	ug/L	98
25) Chloroform	4.281	83	13784	0.864	ug/L	99
31) Carbon tetrachloride	4.738	117	65221	4.968	ug/L	97
34) Trichloroethene	5.844	95	7022	0.640	ug/L	91
35) Methylcyclohexane	6.053	83	3405	0.201	ug/L #	69
42) Toluene	7.326	91	9464	0.221	ug/L	94
52) Ethylbenzene	8.956	91	3012	0.063	ug/L	97
53) m,p-Xylene	9.079	106	1664	0.094	ug/L	86

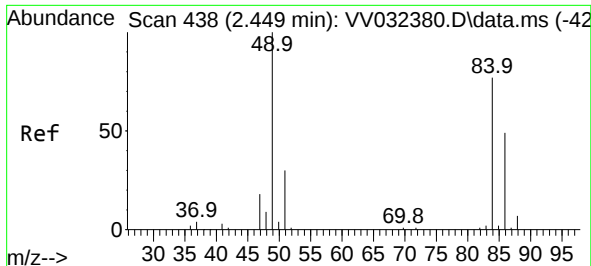
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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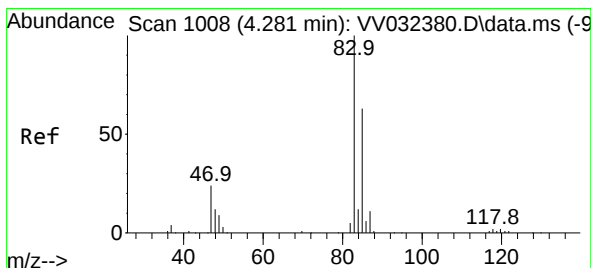
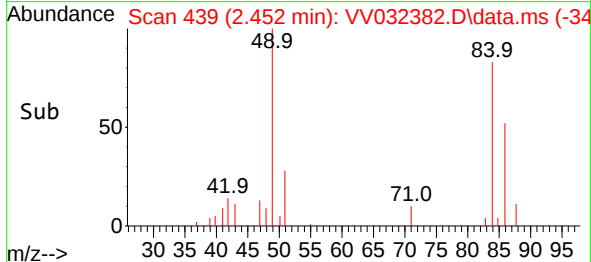
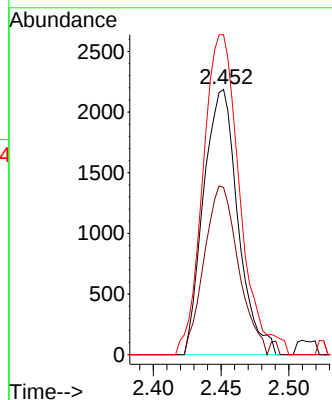
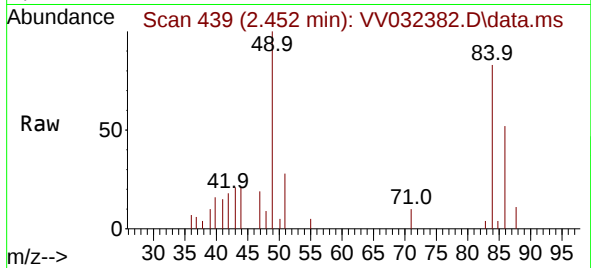




#16
Methylene chloride
Concen: 0.392 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032382.D
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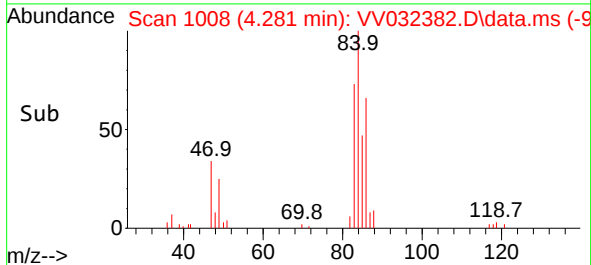
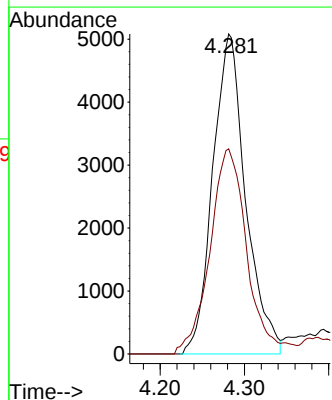
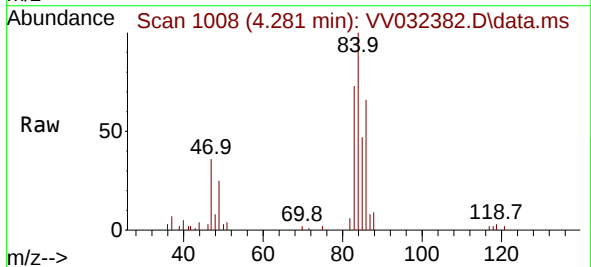
Instrument :
MSVOA_V
ClientSampleId :
EX873DL

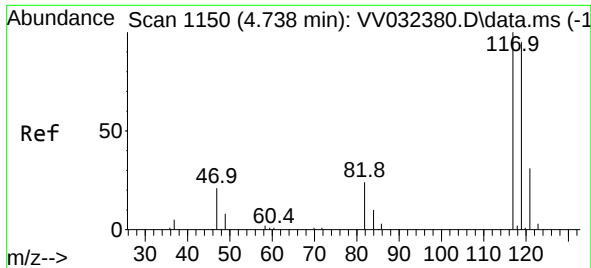
Tgt Ion: 84 Resp: 3856
Ion Ratio Lower Upper
84 100
86 63.1 43.2 80.2
49 120.6 86.3 160.3



#25
Chloroform
Concen: 0.864 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VV032382.D
Acq: 11 Oct 2023 10:43

Tgt Ion: 83 Resp: 13784
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.4

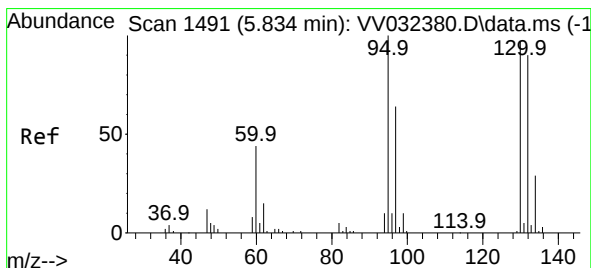
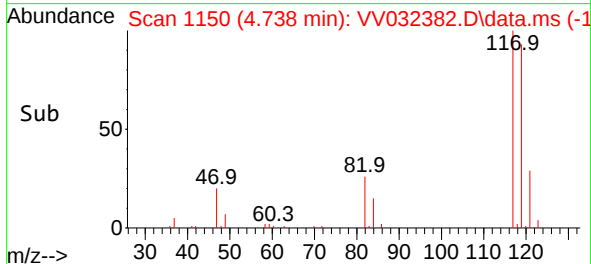
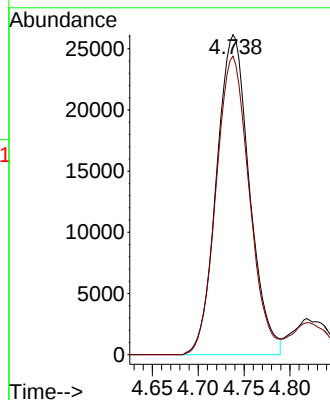
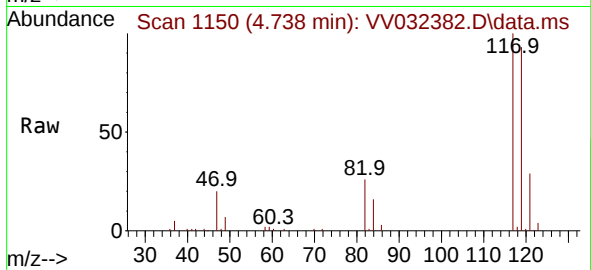




#31
Carbon tetrachloride
Concen: 4.968 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032382.D
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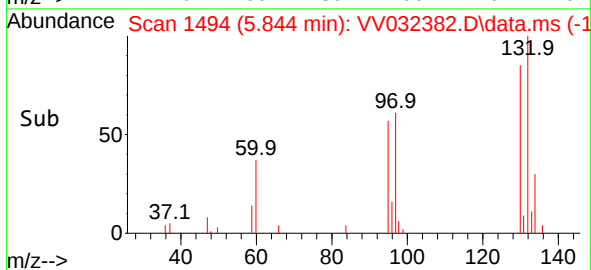
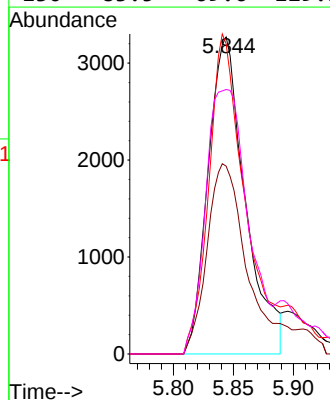
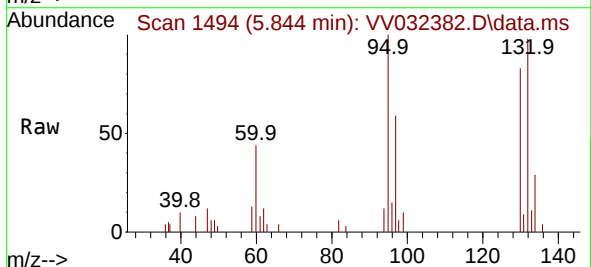
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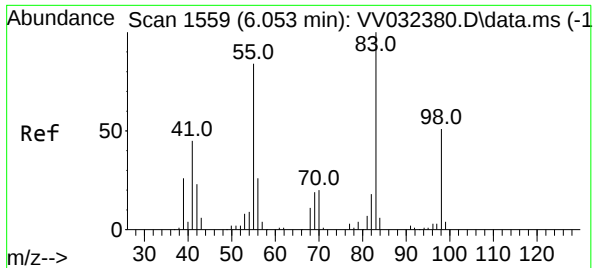
Tgt Ion:117 Resp: 65221
Ion Ratio Lower Upper
117 100
119 94.1 77.6 116.4



#34
Trichloroethene
Concen: 0.640 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.010 min
Lab File: VV032382.D
Acq: 11 Oct 2023 10:43

Tgt Ion: 95 Resp: 7022
Ion Ratio Lower Upper
95 100
97 59.3 45.7 84.9
132 97.9 70.3 130.5
130 83.5 69.6 129.2

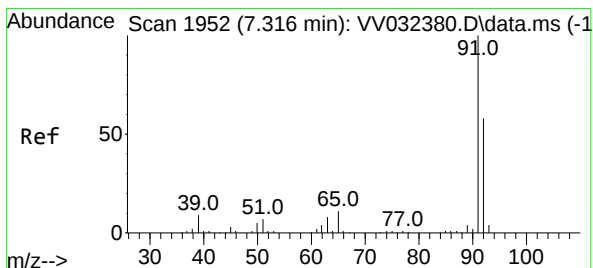
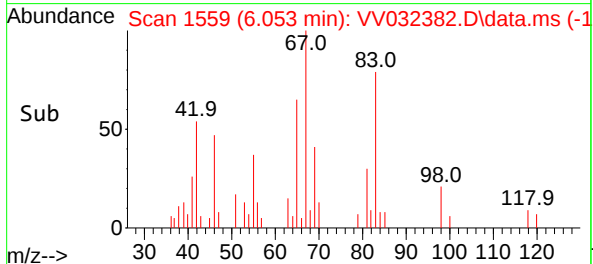
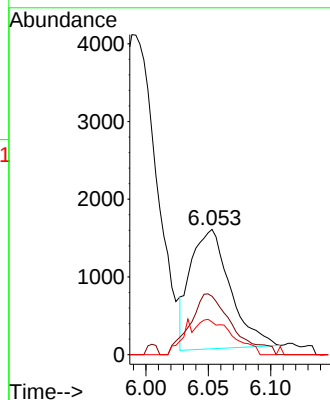
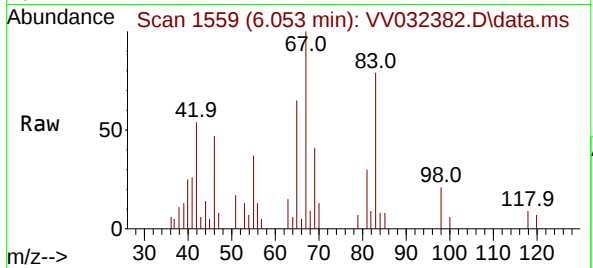




#35
Methylcyclohexane
Concen: 0.201 ug/L
RT: 6.053 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032382.D
Acq: 11 Oct 2023 10:43

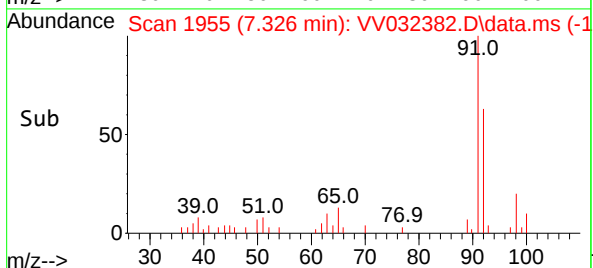
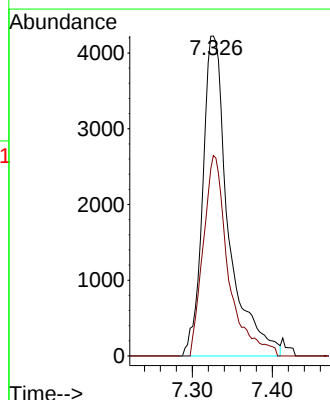
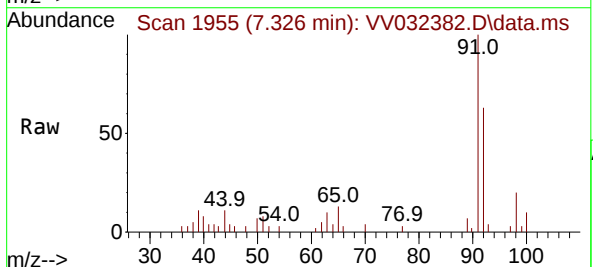
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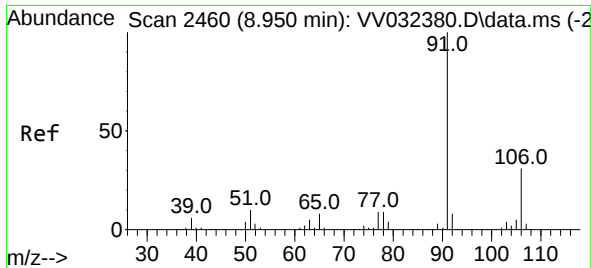
Tgt Ion: 83 Resp: 3405
Ion Ratio Lower Upper
83 100
55 53.5 64.2 96.2#
98 26.5 39.6 59.4#



#42
Toluene
Concen: 0.221 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.010 min
Lab File: VV032382.D
Acq: 11 Oct 2023 10:43

Tgt Ion: 91 Resp: 9464
Ion Ratio Lower Upper
91 100
92 62.6 40.8 75.8

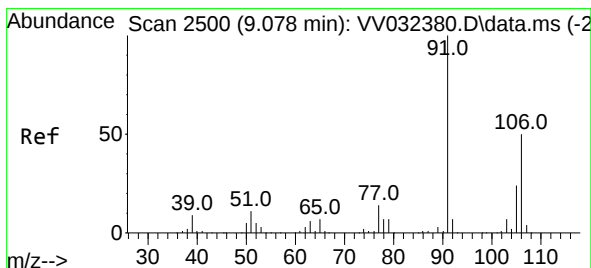
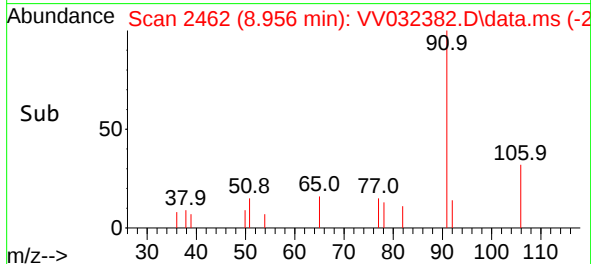
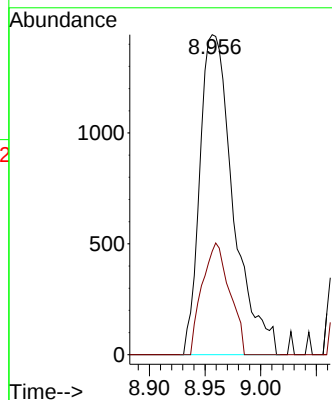
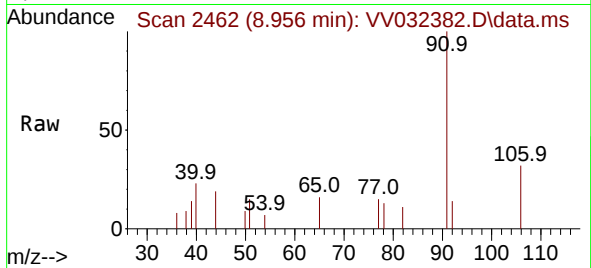




#52
Ethylbenzene
Concen: 0.063 ug/L
RT: 8.956 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VV032382.D
Acq: 11 Oct 2023 10:43

Instrument :
MSVOA_V
ClientSampleId :
EX873DL

Tgt Ion: 91 Resp: 3012
Ion Ratio Lower Upper
91 100
106 32.3 21.3 39.5



#53
m,p-Xylene
Concen: 0.094 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV032382.D
Acq: 11 Oct 2023 10:43

Tgt Ion: 106 Resp: 1664
Ion Ratio Lower Upper
106 100
91 185.0 144.5 268.3

