

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032283.D
 Acq On : 06 Oct 2023 04:51
 Operator : SY/MD
 Sample : 04748-29
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX874

Quant Time: Oct 06 05:29:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

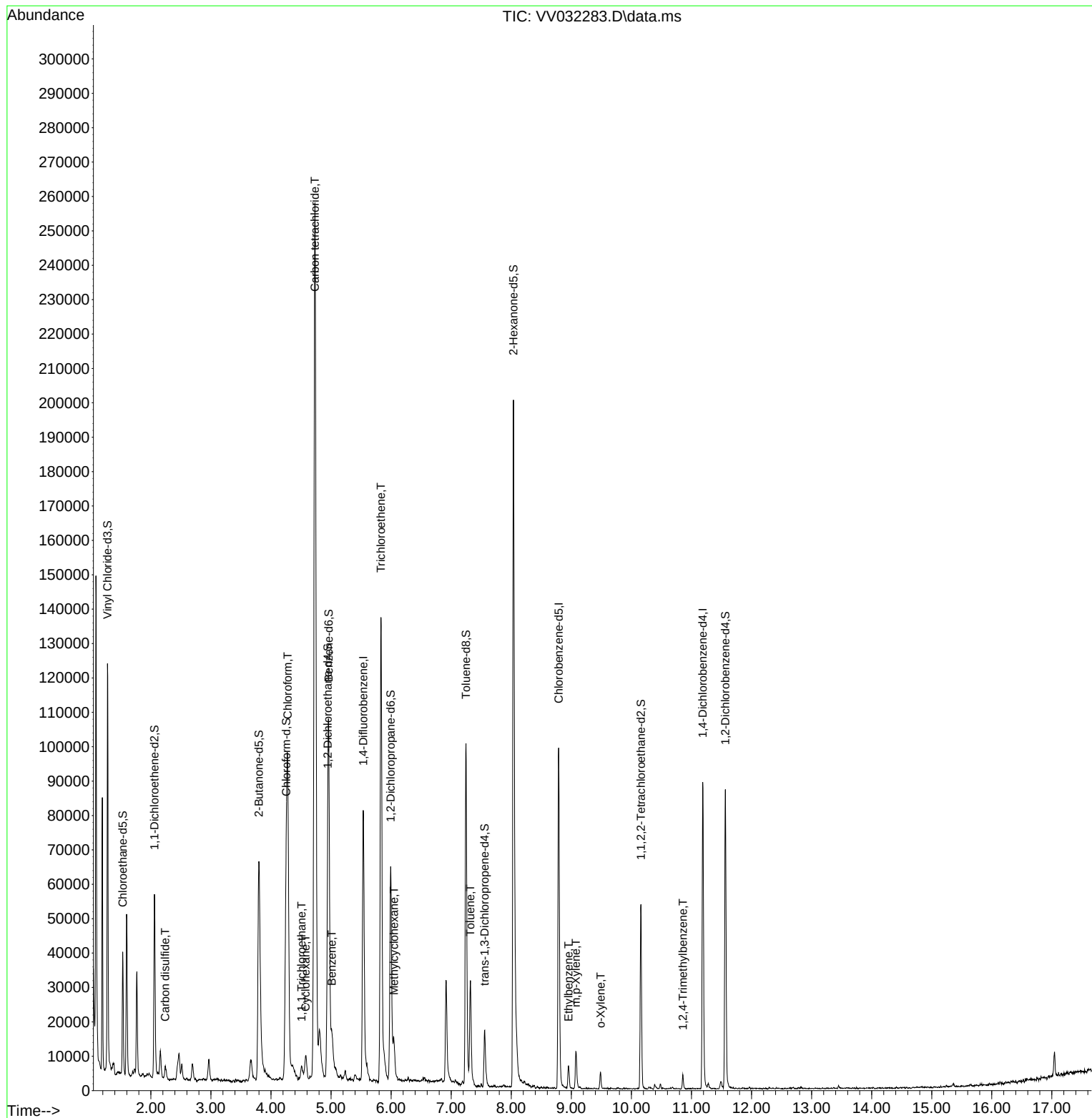
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	70606	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	55306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	24060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23379	4.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.532	69	22571	4.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.060	65	9034	3.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.799	46	108853	74.936	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.880%#
24) Chloroform-d	4.252	84	50825	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	4.944	65	28620	5.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.200%
32) Benzene-d6	4.960	84	87149	5.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	5.992	67	33395	6.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.800%
41) Toluene-d8	7.246	98	67975	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.558	79	10103	5.288	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.037	63	69651	77.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	154.960%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	26550	7.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	140.800%#
66) 1,2-Dichlorobenzene-d4	11.564	152	22370	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.240	76	1665	0.092	ug/L #	92
25) Chloroform	4.278	83	81971	7.488	ug/L	96
29) 1,1,1-Trichloroethane	4.510	97	3462	0.460	ug/L	94
30) Cyclohexane	4.577	56	3830	0.464	ug/L	91
31) Carbon tetrachloride	4.731	117	192592	30.270	ug/L	99
33) Benzene	5.011	78	7873	0.404	ug/L	100
34) Trichloroethene	5.831	95	49066	9.231	ug/L	97
35) Methylcyclohexane	6.047	83	3744	0.455	ug/L	93
42) Toluene	7.320	91	22783	1.098	ug/L	99
52) Ethylbenzene	8.953	91	4995	0.216	ug/L	96
53) m,p-Xylene	9.079	106	3382	0.395	ug/L	99
54) o-Xylene	9.487	106	1293	0.157	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	2419	0.159	ug/L	99

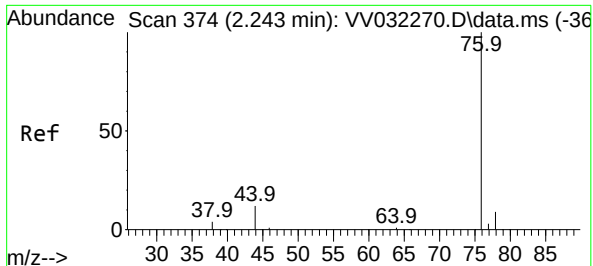
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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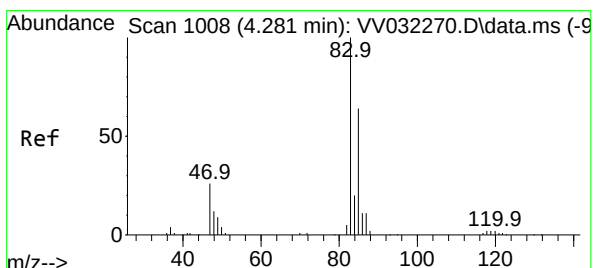
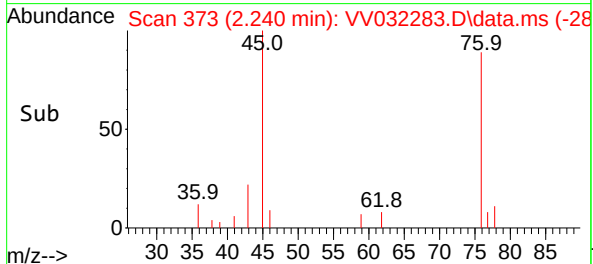
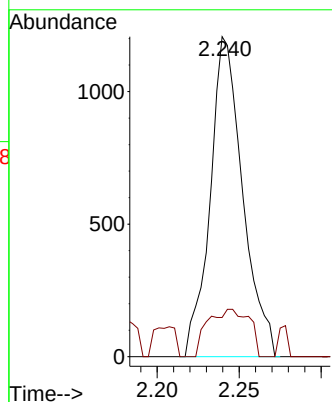
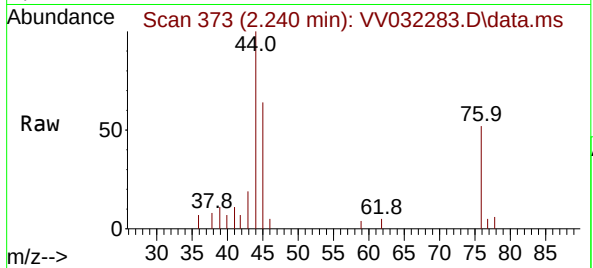




#14
Carbon disulfide
Concen: 0.092 ug/L
RT: 2.240 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV032283.D
Acq: 06 Oct 2023 04:51

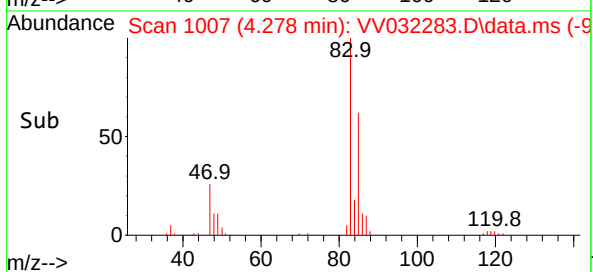
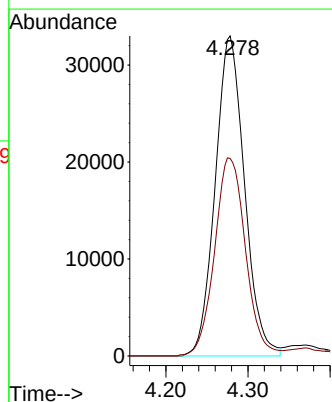
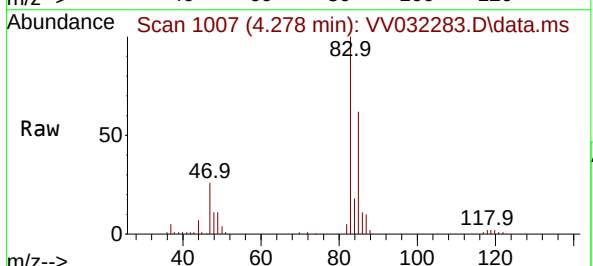
Instrument :
MSVOA_V
ClientSampleId :
EX874

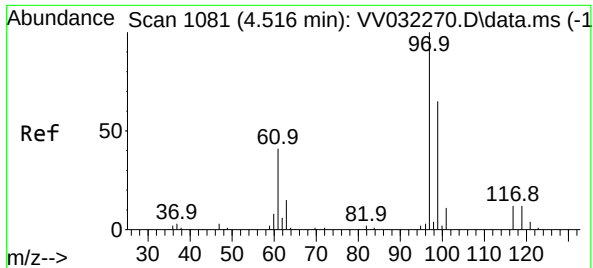
Tgt Ion: 76 Resp: 1665
Ion Ratio Lower Upper
76 100
78 12.3 7.4 11.2#



#25
Chloroform
Concen: 7.488 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV032283.D
Acq: 06 Oct 2023 04:51

Tgt Ion: 83 Resp: 81971
Ion Ratio Lower Upper
83 100
85 61.8 45.4 84.4





#29

1,1,1-Trichloroethane

Concen: 0.460 ug/L

RT: 4.510 min Scan# 1100

Delta R.T. -0.007 min

Lab File: VV032283.D

Acq: 06 Oct 2023 04:51

Instrument :

MSVOA_V

ClientSampleId :

EX874

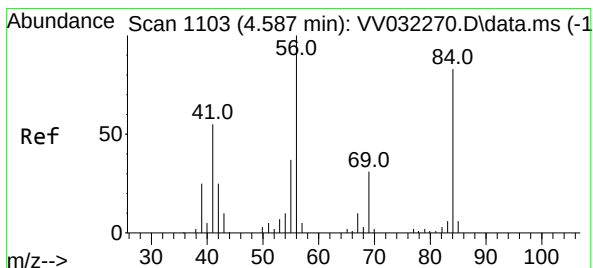
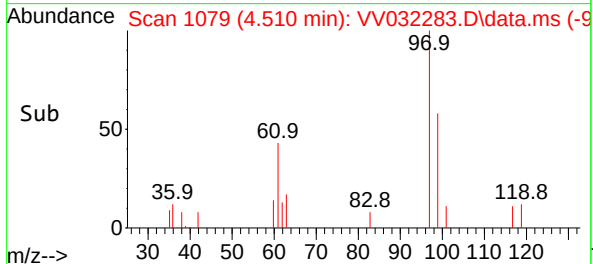
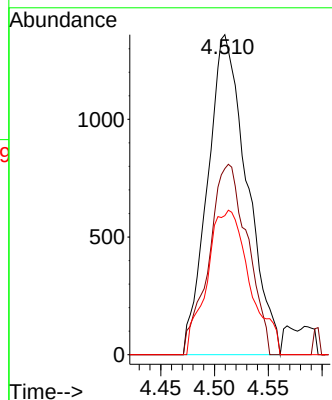
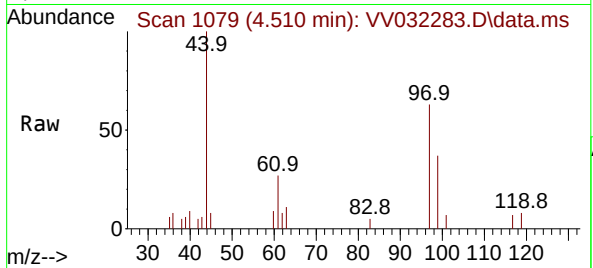
Tgt Ion: 97 Resp: 3462

Ion Ratio Lower Upper

97 100

99 58.6 50.1 75.1

61 49.0 35.1 52.7



#30

Cyclohexane

Concen: 0.464 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.010 min

Lab File: VV032283.D

Acq: 06 Oct 2023 04:51

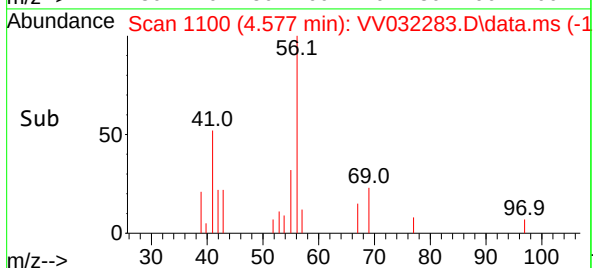
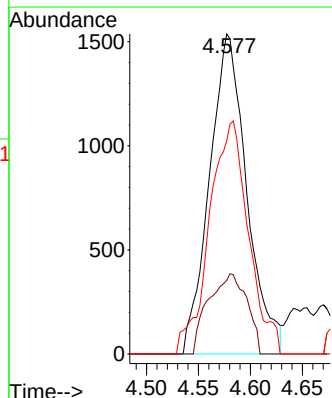
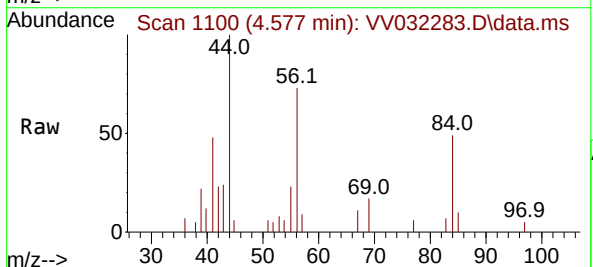
Tgt Ion: 56 Resp: 3830

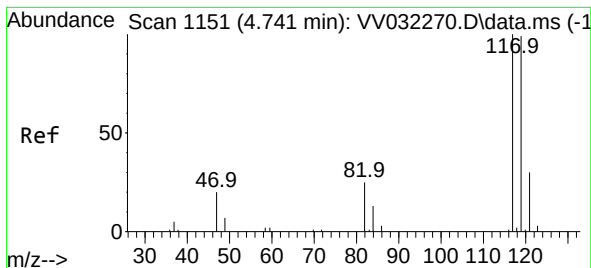
Ion Ratio Lower Upper

56 100

69 25.7 24.2 36.2

84 76.3 68.1 102.1





#31

Carbon tetrachloride

Concen: 30.270 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. -0.010 min

Lab File: VV032283.D

Acq: 06 Oct 2023 04:51

Instrument :

MSVOA_V

ClientSampleId :

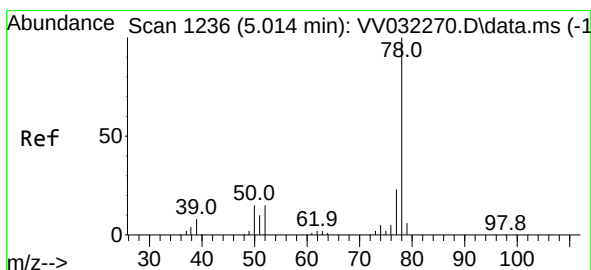
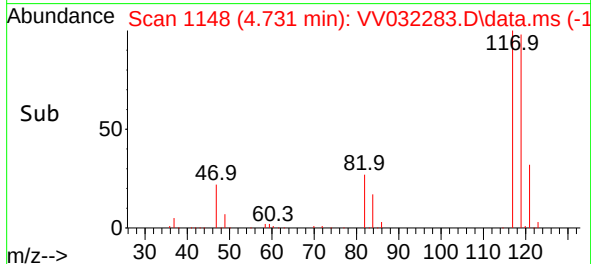
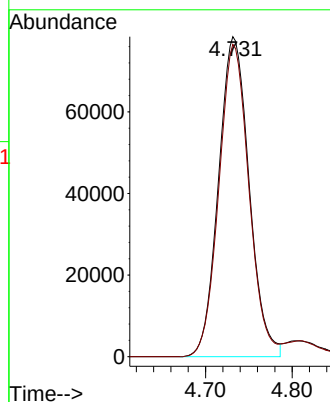
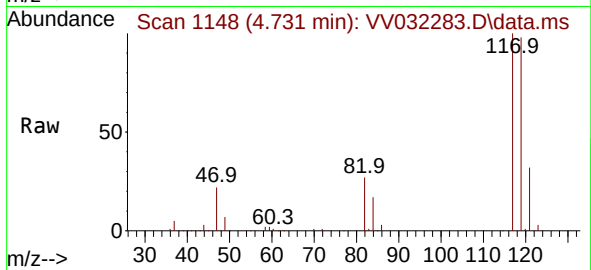
EX874

Tgt Ion:117 Resp: 192592

Ion Ratio Lower Upper

117 100

119 95.6 77.6 116.4



#33

Benzene

Concen: 0.404 ug/L

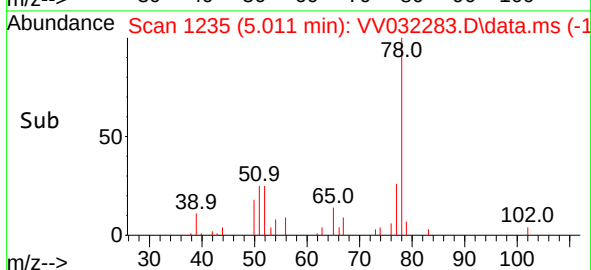
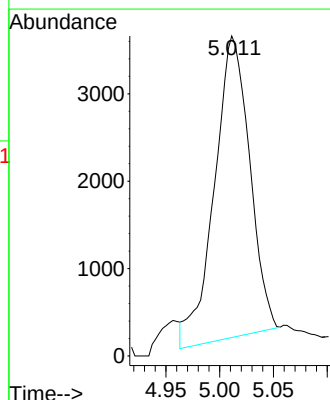
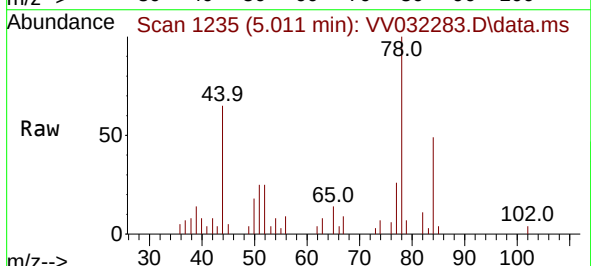
RT: 5.011 min Scan# 1235

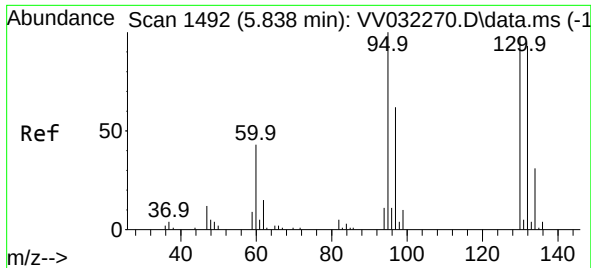
Delta R.T. -0.003 min

Lab File: VV032283.D

Acq: 06 Oct 2023 04:51

Tgt Ion: 78 Resp: 7873



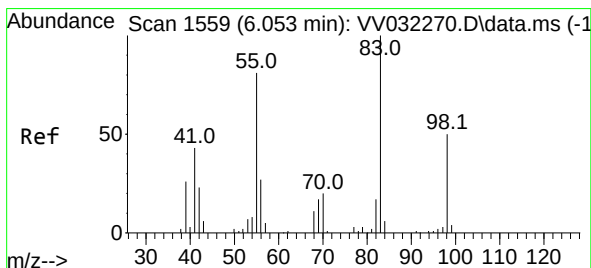
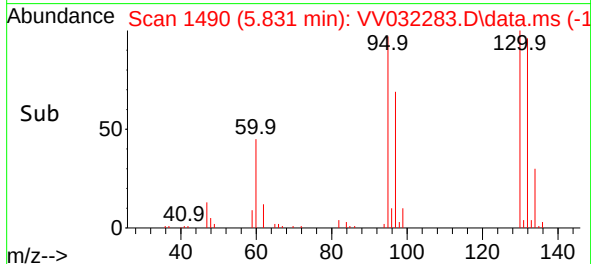
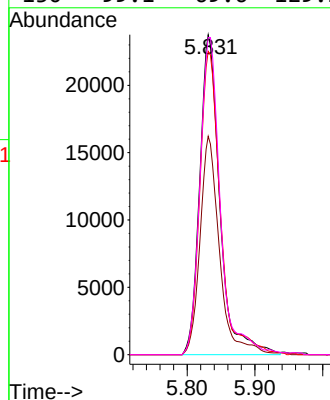
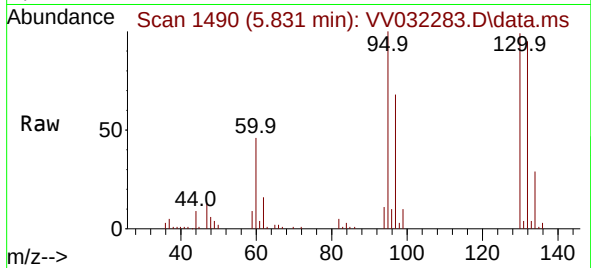


#34
Trichloroethene
Concen: 9.231 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VV032283.D
Acq: 06 Oct 2023 04:51

Instrument :
MSVOA_V
ClientSampleId :
EX874

Tgt Ion: 95 Resp: 49066

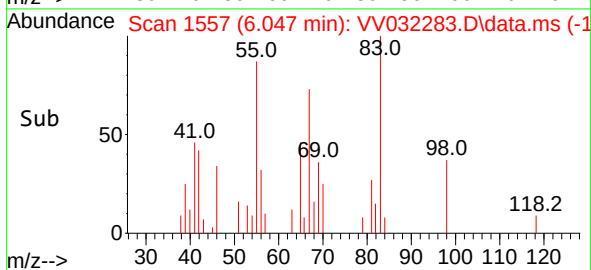
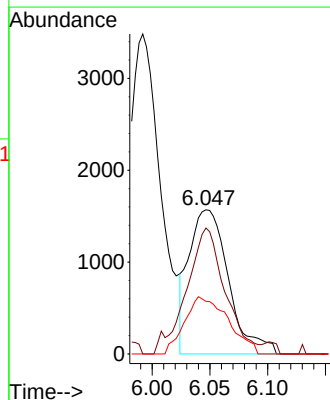
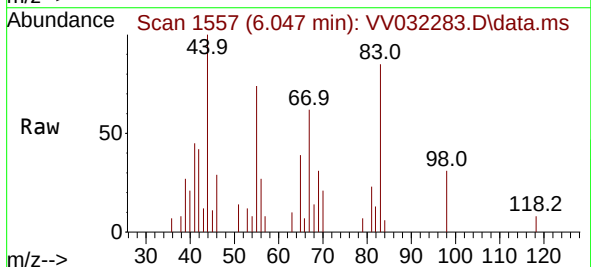
Ion	Ratio	Lower	Upper
95	100		
97	68.2	45.7	84.9
132	94.8	70.3	130.5
130	99.1	69.6	129.2

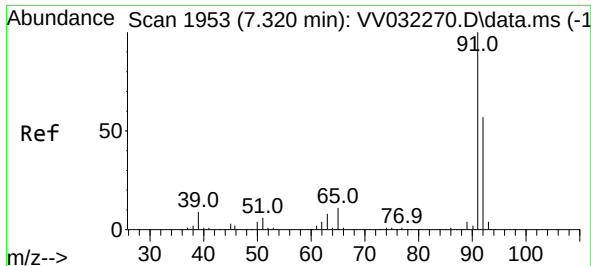


#35
Methylcyclohexane
Concen: 0.455 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.007 min
Lab File: VV032283.D
Acq: 06 Oct 2023 04:51

Tgt Ion: 83 Resp: 3744

Ion	Ratio	Lower	Upper
83	100		
55	85.2	64.2	96.2
98	43.4	39.6	59.4





#42

Toluene

Concen: 1.098 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV032283.D

Acq: 06 Oct 2023 04:51

Instrument :

MSVOA_V

ClientSampleId :

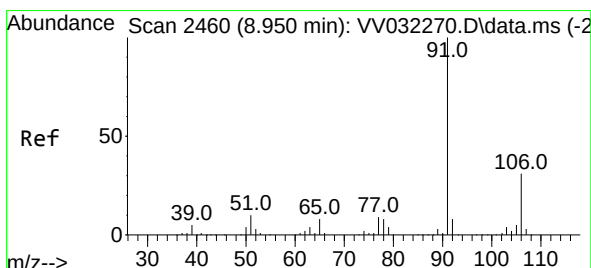
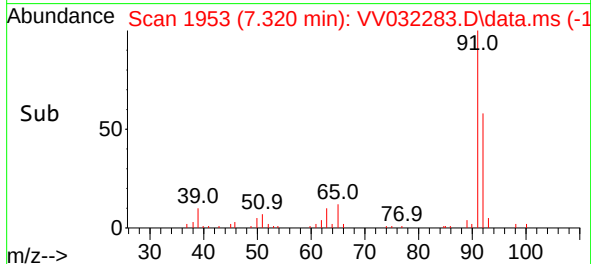
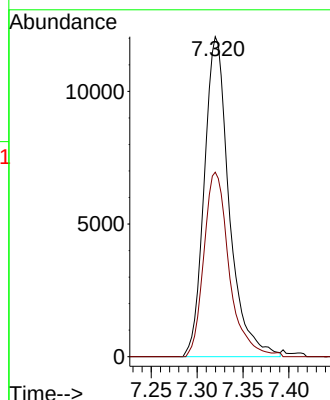
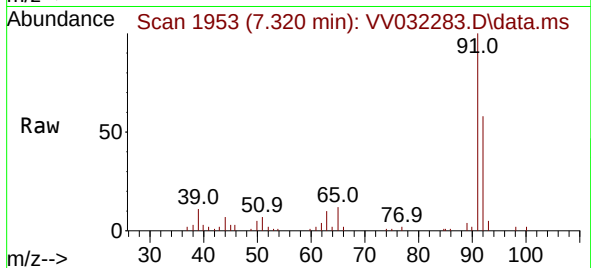
EX874

Tgt Ion: 91 Resp: 22783

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#52

Ethylbenzene

Concen: 0.216 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV032283.D

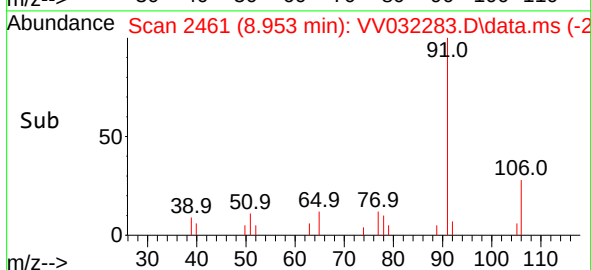
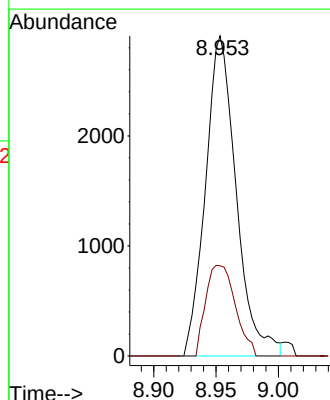
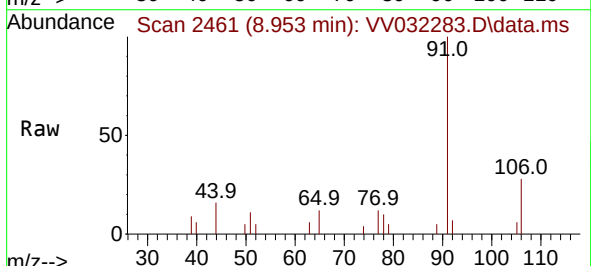
Acq: 06 Oct 2023 04:51

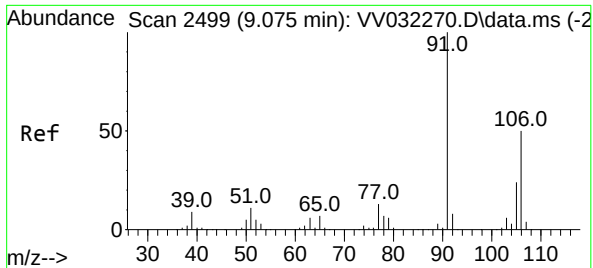
Tgt Ion: 91 Resp: 4995

Ion Ratio Lower Upper

91 100

106 28.2 21.3 39.5

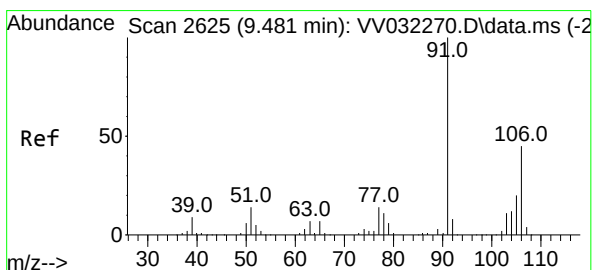
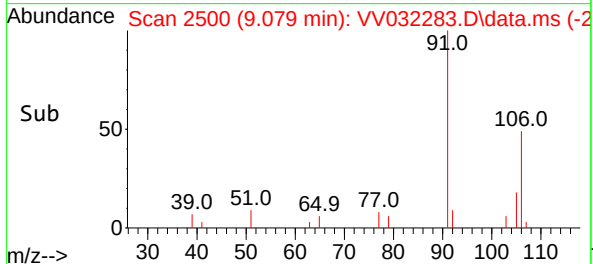
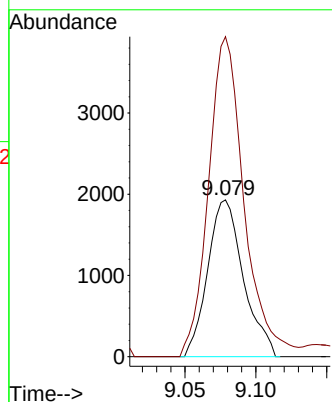
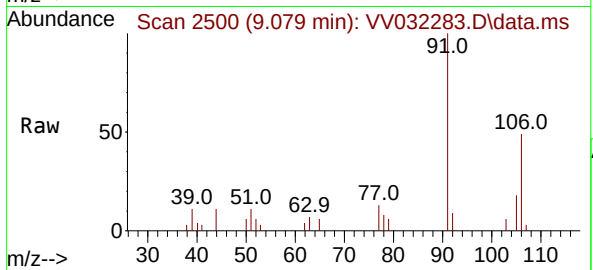




#53
m,p-Xylene
Concen: 0.395 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032283.D
Acq: 06 Oct 2023 04:51

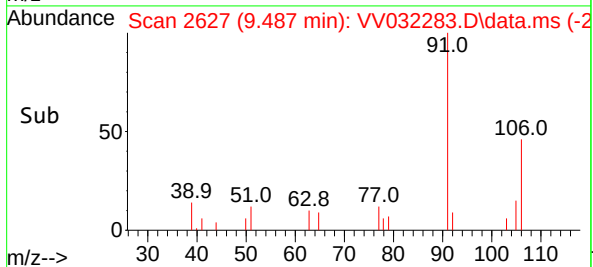
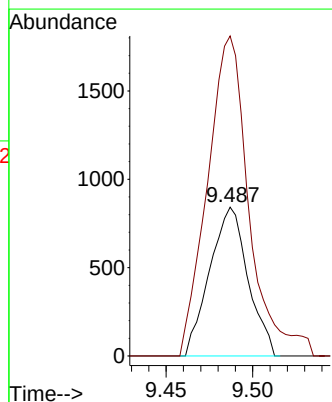
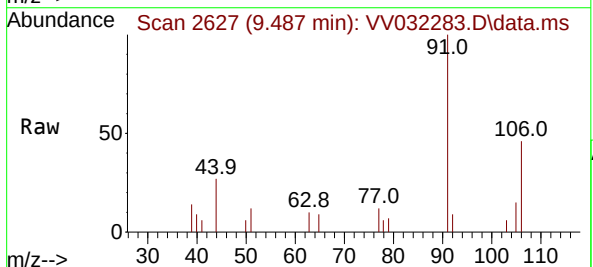
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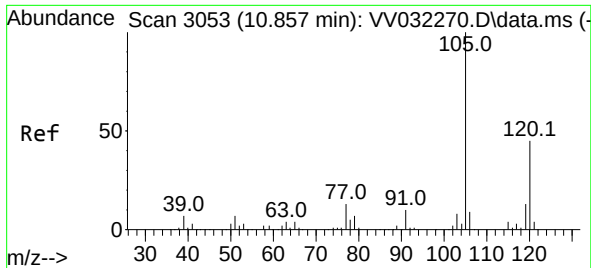
Tgt Ion:106 Resp: 3382
Ion Ratio Lower Upper
106 100
91 204.1 144.5 268.3



#54
o-Xylene
Concen: 0.157 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032283.D
Acq: 06 Oct 2023 04:51

Tgt Ion:106 Resp: 1293
Ion Ratio Lower Upper
106 100
91 215.1 154.8 287.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.159 ug/L
 RT: 10.857 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV032283.D
 Acq: 06 Oct 2023 04:51

Instrument :
 MSVOA_V
 ClientSampleId :
 EX874

Tgt Ion:105 Resp: 2419
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.2 54.4

