

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032286.D
 Acq On : 06 Oct 2023 06:14
 Operator : SY/MD
 Sample : 04748-32
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX875

Quant Time: Oct 06 07:54:05 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)

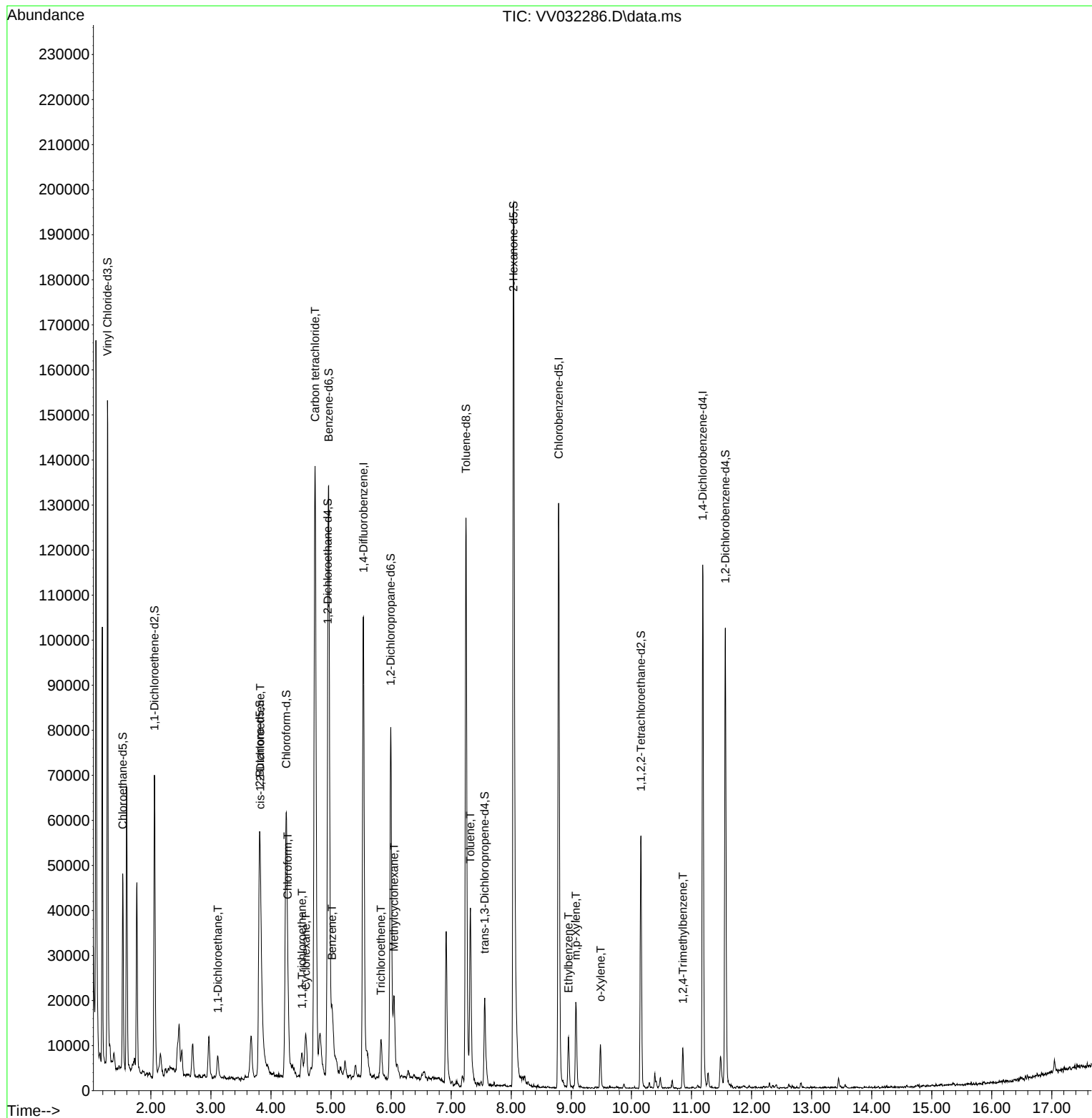
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	87451	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	73217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28235	3.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.532	69	27467	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.060	65	11494	3.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.812	46	108633	60.379	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.760%
24) Chloroform-d	4.253	84	58852	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.944	65	32453	5.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	4.960	84	112706	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	5.992	67	38208	5.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.246	98	85520	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.558	79	12057	4.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.037	63	70350	59.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.220%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	28634	5.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	25814	4.725	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.118	63	5037	0.364	ug/L	96
22) cis-1,2-Dichloroethene	3.822	96	883	0.112	ug/L	85
25) Chloroform	4.278	83	13157	0.970	ug/L	93
29) 1,1,1-Trichloroethane	4.516	97	4428	0.445	ug/L	99
30) Cyclohexane	4.580	56	4794	0.438	ug/L	98
31) Carbon tetrachloride	4.735	117	102158	12.129	ug/L	99
33) Benzene	5.015	78	11261	0.437	ug/L	100
34) Trichloroethene	5.831	95	2334	0.332	ug/L	96
35) Methylcyclohexane	6.047	83	6146	0.564	ug/L	91
42) Toluene	7.320	91	29119	1.060	ug/L	98
52) Ethylbenzene	8.953	91	7928	0.259	ug/L	100
53) m,p-Xylene	9.079	106	5474	0.482	ug/L	95
54) o-Xylene	9.487	106	2436	0.223	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	5006	0.270	ug/L	96

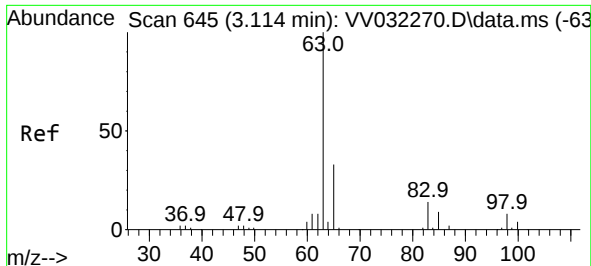
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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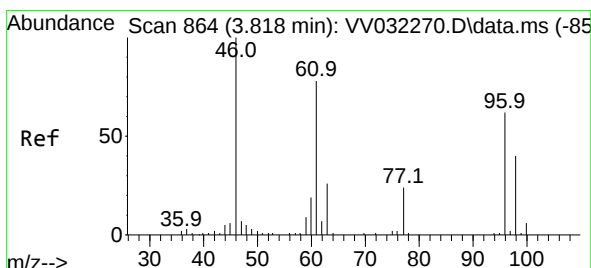
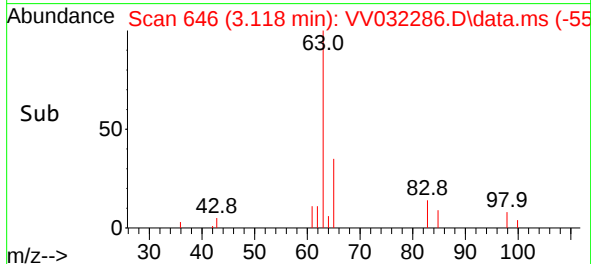
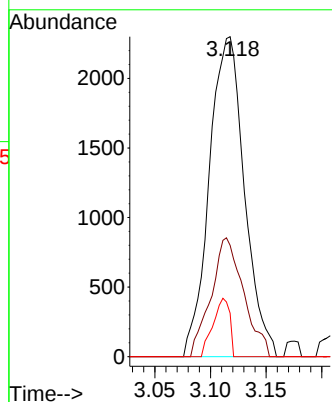
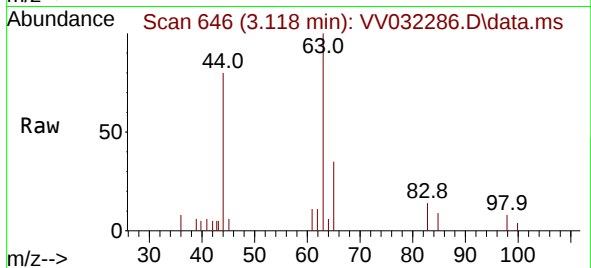




#19
1,1-Dichloroethane
Concen: 0.364 ug/L
RT: 3.118 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV032286.D
Acq: 06 Oct 2023 06:14

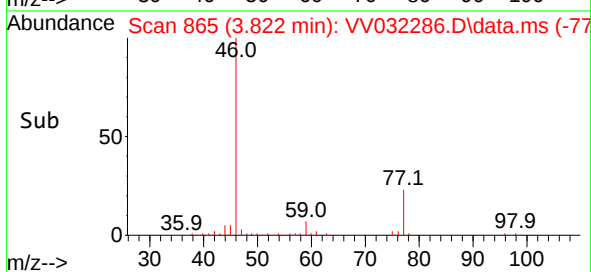
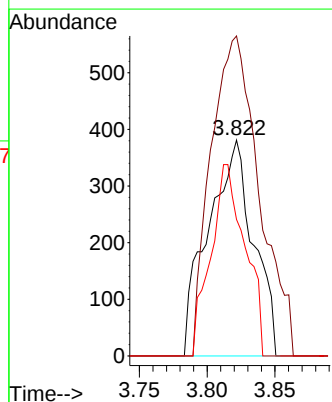
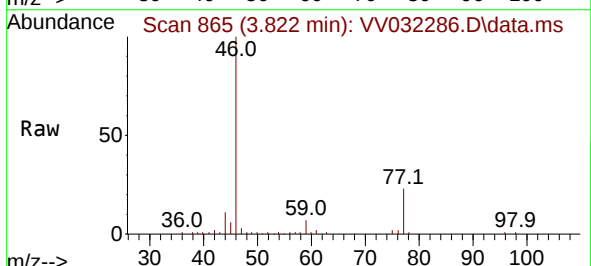
Instrument :
MSVOA_V
ClientSampleId :
EX875

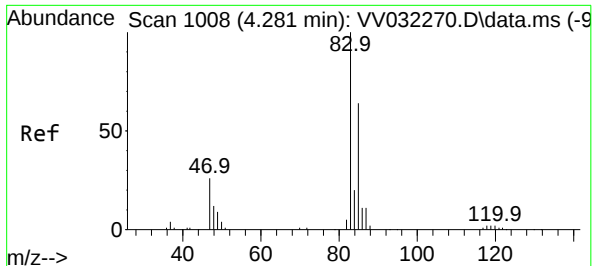
Tgt Ion:	63	Resp:	5037
Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.3	41.5
83	13.6	9.0	16.6



#22
cis-1,2-Dichloroethene
Concen: 0.112 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV032286.D
Acq: 06 Oct 2023 06:14

Tgt Ion:	96	Resp:	883
Ion	Ratio	Lower	Upper
96	100		
61	148.3	85.8	159.4
98	63.3	44.0	81.6





#25

Chloroform

Concen: 0.970 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032286.D

Acq: 06 Oct 2023 06:14

Instrument :

MSVOA_V

ClientSampleId :

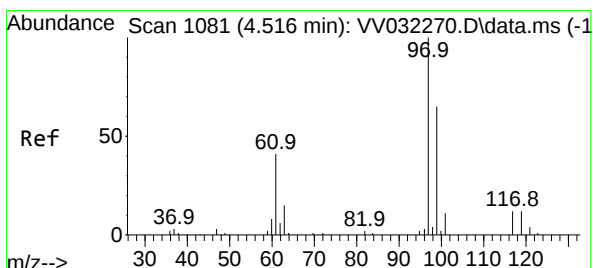
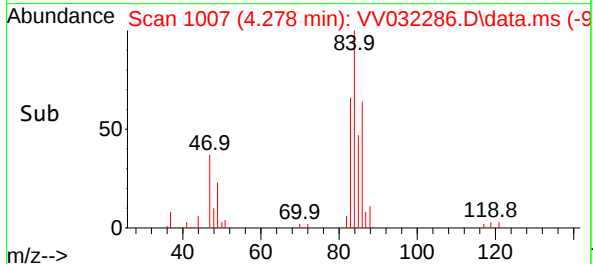
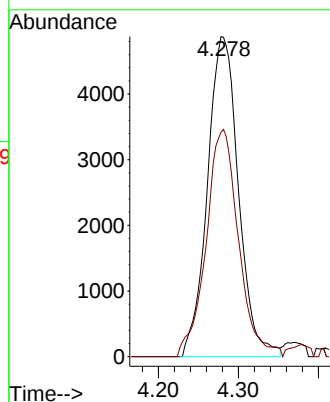
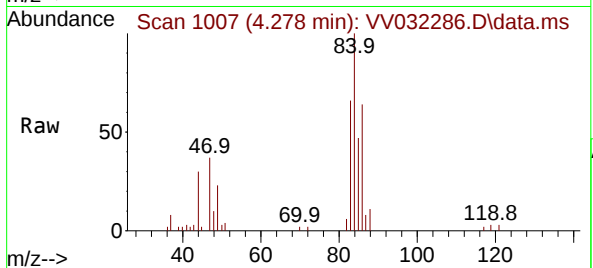
EX875

Tgt Ion: 83 Resp: 13157

Ion Ratio Lower Upper

83 100

85 70.1 45.4 84.4



#29

1,1,1-Trichloroethane

Concen: 0.445 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV032286.D

Acq: 06 Oct 2023 06:14

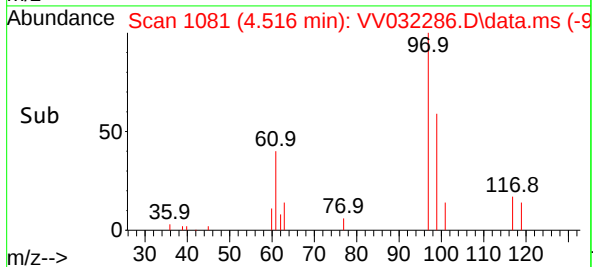
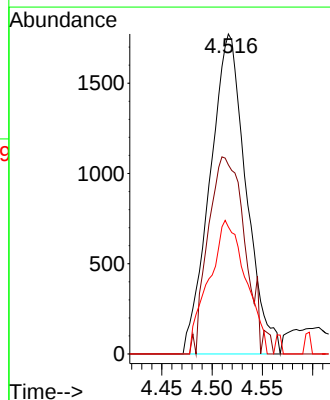
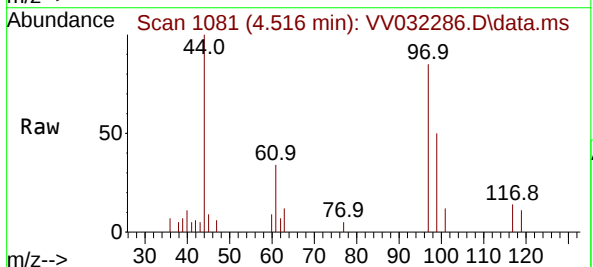
Tgt Ion: 97 Resp: 4428

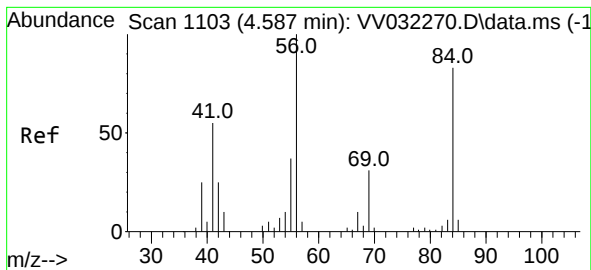
Ion Ratio Lower Upper

97 100

99 62.7 50.1 75.1

61 42.8 35.1 52.7





#30

Cyclohexane

Concen: 0.438 ug/L

RT: 4.580 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VV032286.D

Acq: 06 Oct 2023 06:14

Instrument :

MSVOA_V

ClientSampleId :

EX875

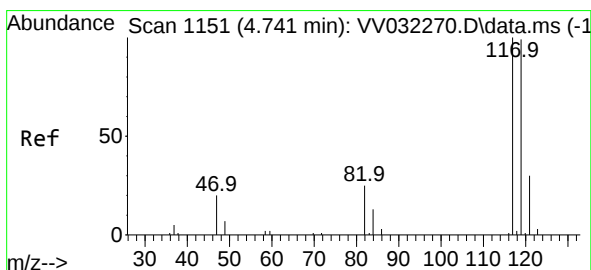
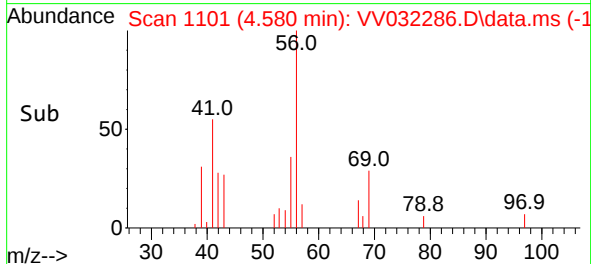
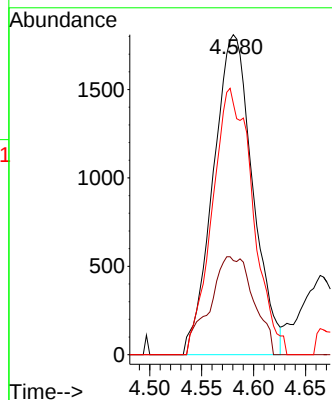
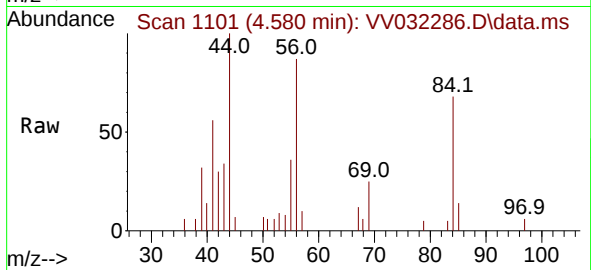
Tgt Ion: 56 Resp: 4794

Ion Ratio Lower Upper

56 100

69 33.8 24.2 36.2

84 85.1 68.1 102.1



#31

Carbon tetrachloride

Concen: 12.129 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VV032286.D

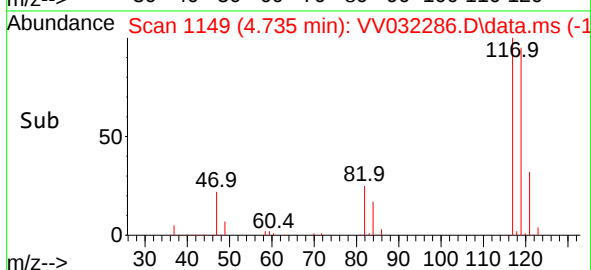
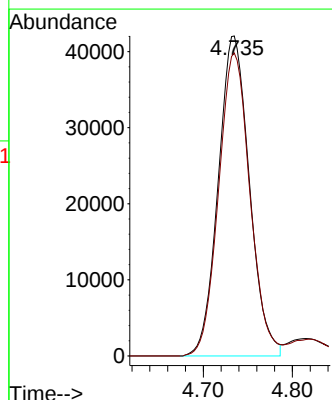
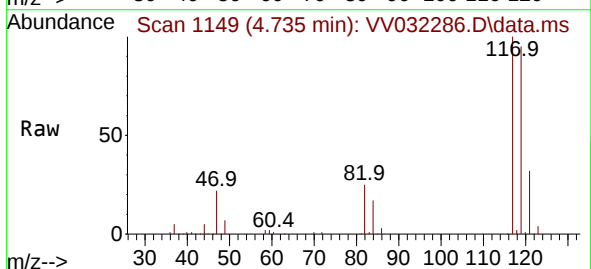
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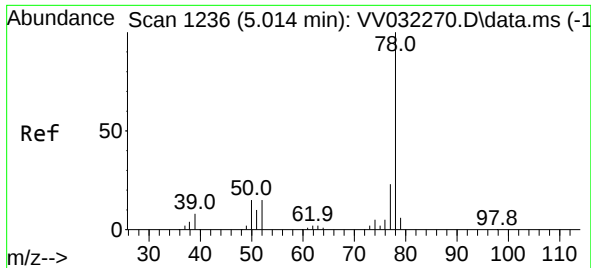
Tgt Ion: 117 Resp: 102158

Ion Ratio Lower Upper

117 100

119 95.6 77.6 116.4

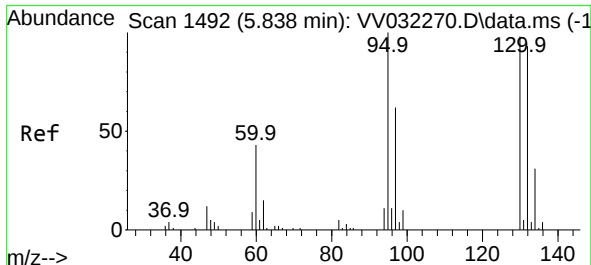
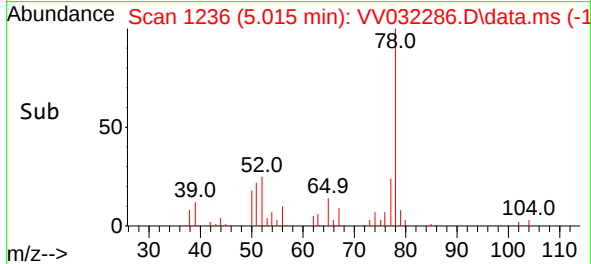
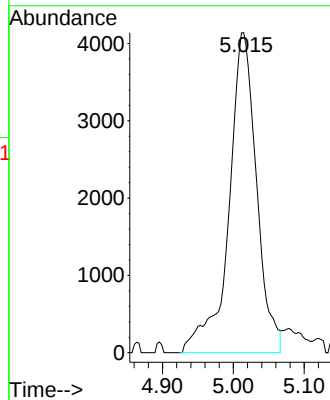
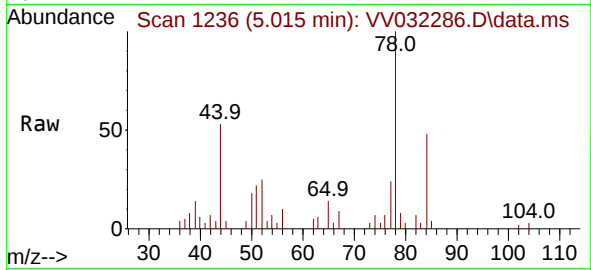




#33
Benzene
Concen: 0.437 ug/L
RT: 5.015 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032286.D
Acq: 06 Oct 2023 06:14

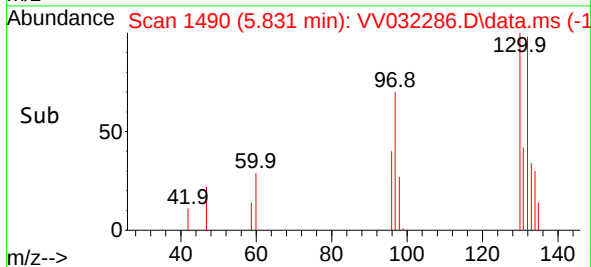
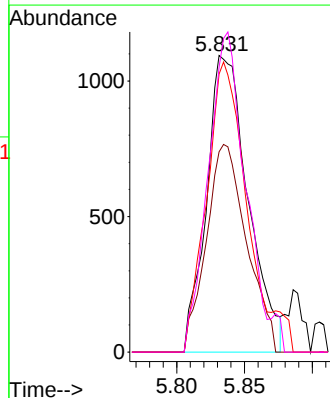
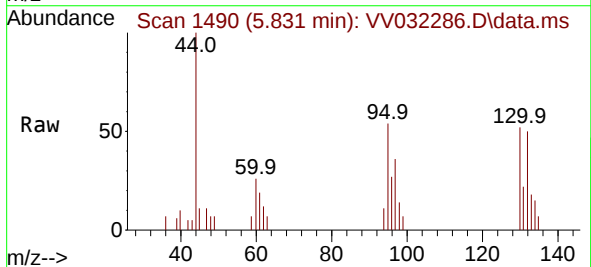
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ClientSampleId :
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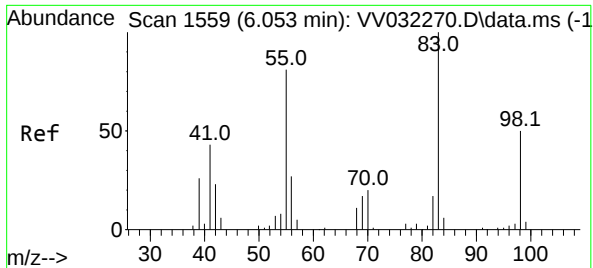
Tgt Ion: 78 Resp: 11261



#34
Trichloroethene
Concen: 0.332 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VV032286.D
Acq: 06 Oct 2023 06:14

Tgt Ion: 95 Resp: 2334
Ion Ratio Lower Upper
95 100
97 67.6 45.7 84.9
132 93.8 70.3 130.5
130 96.1 69.6 129.2





#35

Methylcyclohexane

Concen: 0.564 ug/L

RT: 6.047 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV032286.D

Acq: 06 Oct 2023 06:14

Instrument :

MSVOA_V

ClientSampleId :

EX875

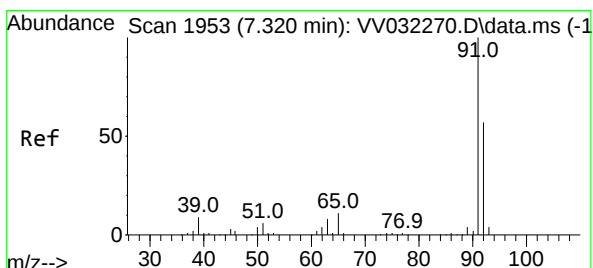
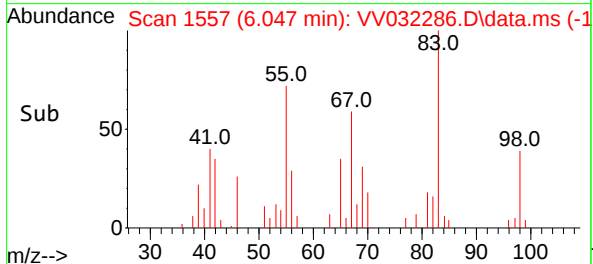
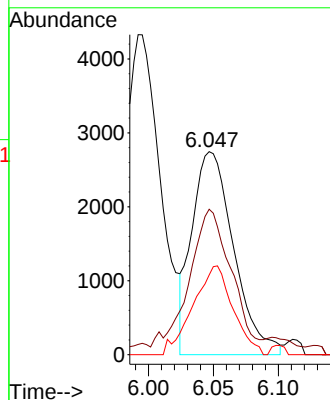
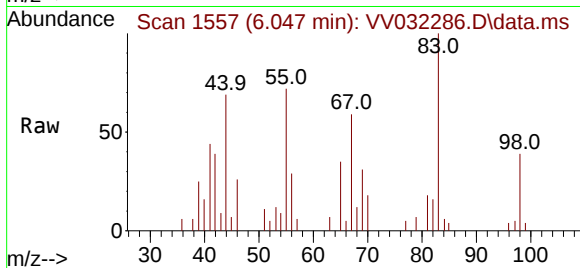
Tgt Ion: 83 Resp: 6146

Ion Ratio Lower Upper

83 100

55 74.3 64.2 96.2

98 41.7 39.6 59.4



#42

Toluene

Concen: 1.060 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV032286.D

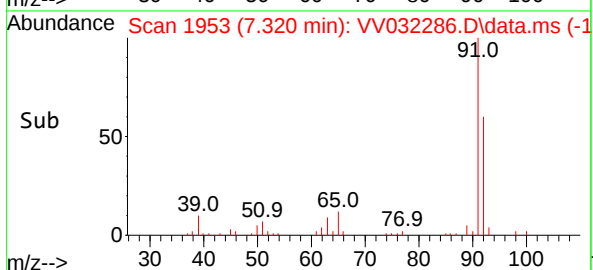
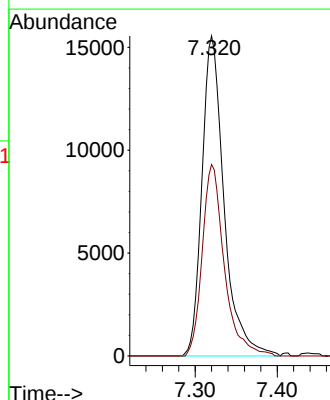
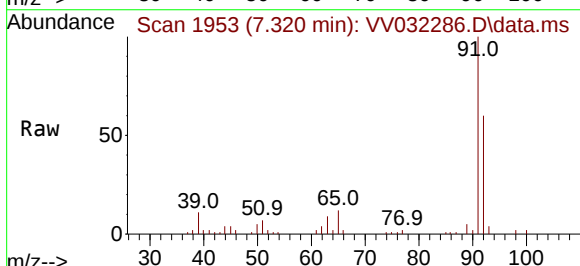
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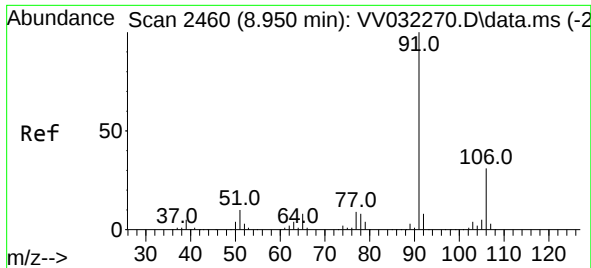
Tgt Ion: 91 Resp: 29119

Ion Ratio Lower Upper

91 100

92 59.8 40.8 75.8

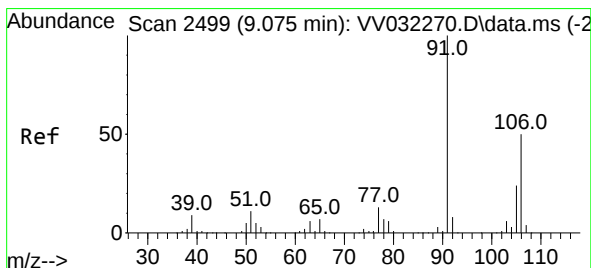
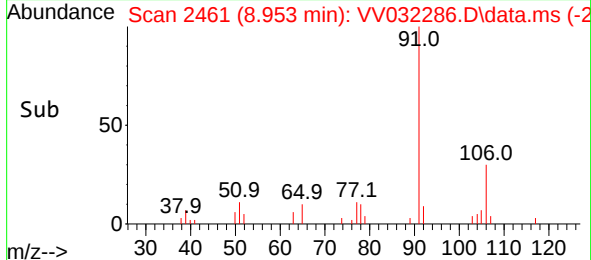
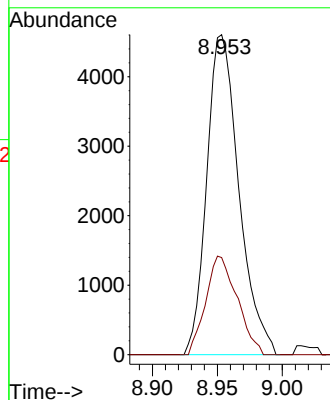
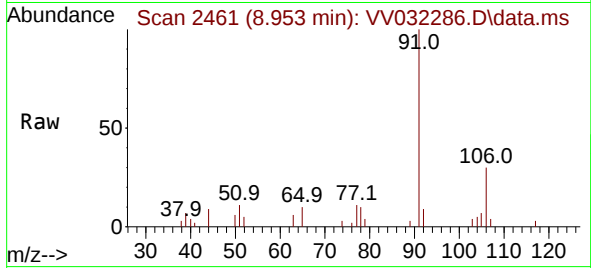




#52
Ethylbenzene
Concen: 0.259 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV032286.D
Acq: 06 Oct 2023 06:14

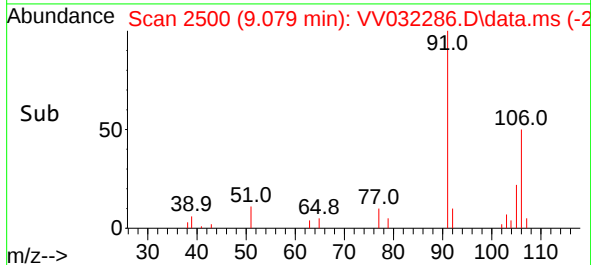
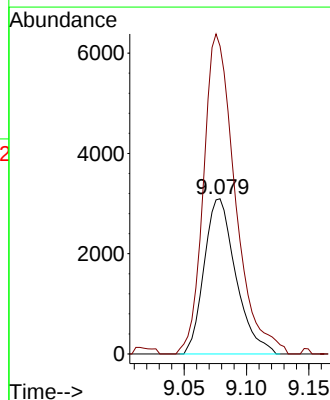
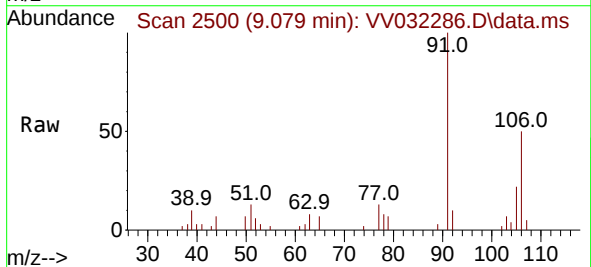
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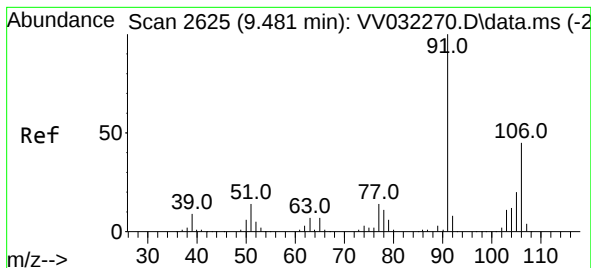
Tgt Ion: 91 Resp: 7928
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 0.482 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032286.D
Acq: 06 Oct 2023 06:14

Tgt Ion: 106 Resp: 5474
Ion Ratio Lower Upper
106 100
91 198.4 144.5 268.3





#54

o-Xylene

Concen: 0.223 ug/L

RT: 9.487 min Scan# 2

Delta R.T. 0.007 min

Lab File: VV032286.D

Acq: 06 Oct 2023 06:14

Instrument :

MSVOA_V

ClientSampleId :

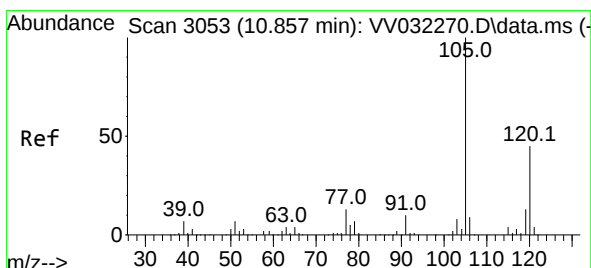
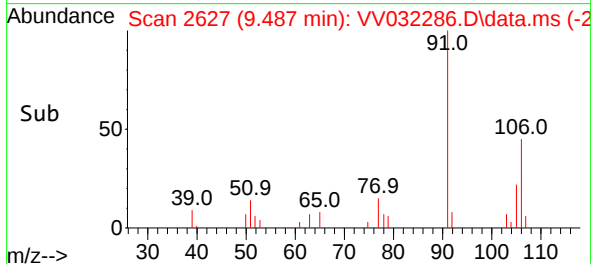
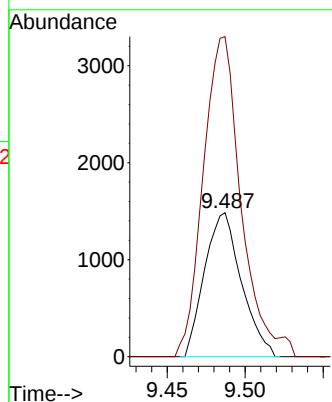
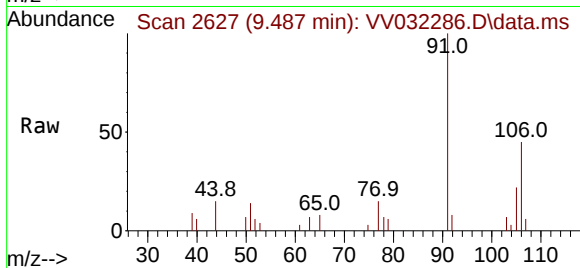
EX875

Tgt Ion:106 Resp: 2436

Ion Ratio Lower Upper

106 100

91 222.3 154.8 287.4



#63

1,2,4-Trimethylbenzene

Concen: 0.270 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV032286.D

Acq: 06 Oct 2023 06:14

Tgt Ion:105 Resp: 5006

Ion Ratio Lower Upper

105 100

120 42.5 36.2 54.4

