

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032281.D
 Acq On : 06 Oct 2023 01:52
 Operator : SY/MD
 Sample : 04748-27
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX865

Quant Time: Oct 06 05:29:03 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	91065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	84102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	37624	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	27402	3.700	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.532	69	26205	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.060	65	11576	3.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	3.809	46	109668	58.536	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.080%
24) Chloroform-d	4.253	84	57543	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	4.947	65	32823	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.960	84	110384	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.995	67	40495	4.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.246	98	92864	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.558	79	12624	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.037	63	78018	57.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.140%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29586	5.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	31283	4.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%

Target Compounds

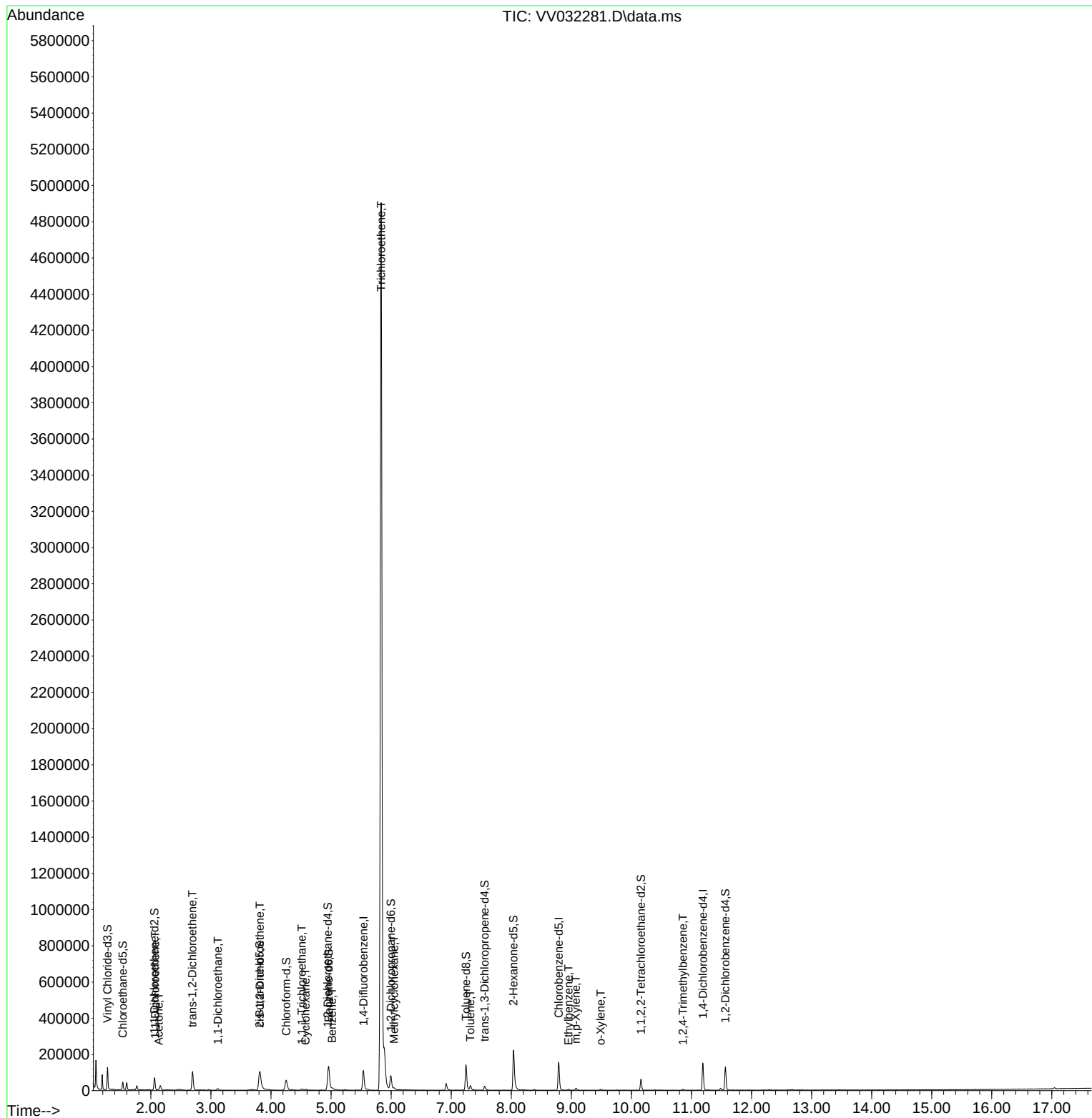
					Qvalue
12) 1,1-Dichloroethene	2.073	96	1267	0.190 ug/L	# 1
13) Acetone	2.130	43	4251	2.944 ug/L	87
18) trans-1,2-Dichloroethene	2.693	96	35437	4.632 ug/L	96
19) 1,1-Dichloroethane	3.114	63	8747	0.608 ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	25663	3.116 ug/L	94
29) 1,1,1-Trichloroethane	4.513	97	5250	0.459 ug/L	99
30) Cyclohexane	4.577	56	2344	0.187 ug/L	98
33) Benzene	5.015	78	7582	0.256 ug/L	100
34) Trichloroethene	5.834	95	1784470	220.760 ug/L	98
35) Methylcyclohexane	6.050	83	2477	0.198 ug/L	# 67
42) Toluene	7.320	91	18256	0.578 ug/L	100
52) Ethylbenzene	8.953	91	3615	0.103 ug/L	95
53) m,p-Xylene	9.079	106	3003	0.230 ug/L	94
54) o-Xylene	9.487	106	1341	0.107 ug/L	93
63) 1,2,4-Trimethylbenzene	10.860	105	2730	0.115 ug/L	92

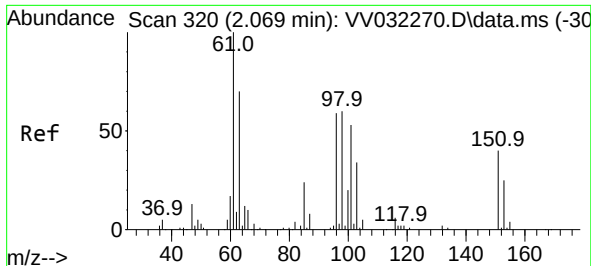
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032281.D
Acq On : 06 Oct 2023 01:52
Operator : SY/MD
Sample : 04748-27
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX865

Quant Time: Oct 06 05:29:03 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





#12

1,1-Dichloroethene

Concen: 0.190 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032281.D

Acq: 06 Oct 2023 01:52

Instrument :

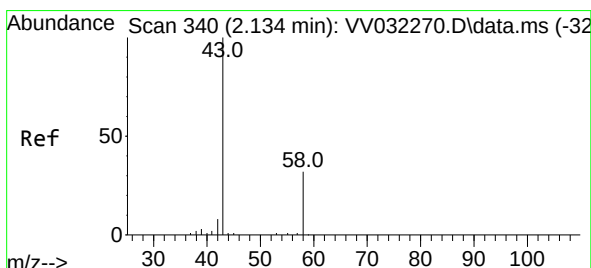
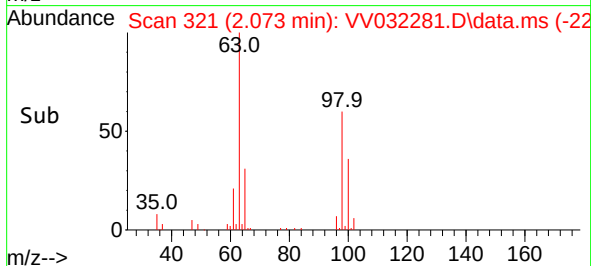
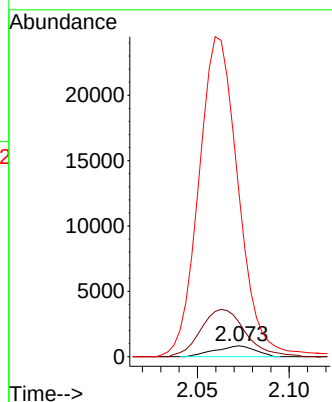
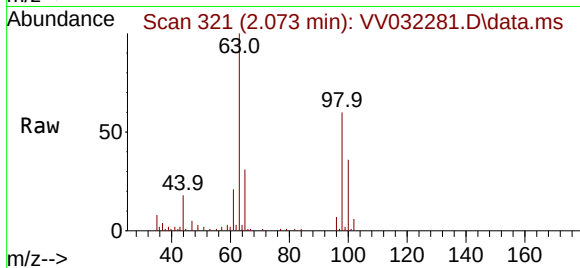
MSVOA_V

ClientSampleId :

EX865

Tgt Ion: 96 Resp: 1267

Ion	Ratio	Lower	Upper
96	100		
61	318.0	127.3	236.3#
63	1508.4	98.3	182.7#



#13

Acetone

Concen: 2.944 ug/L

RT: 2.130 min Scan# 339

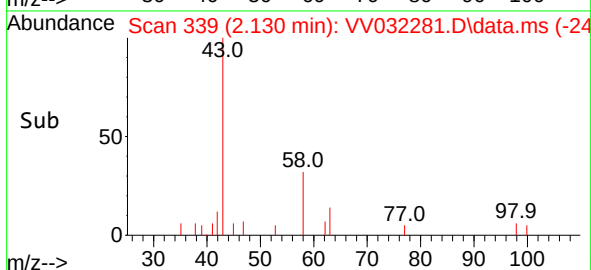
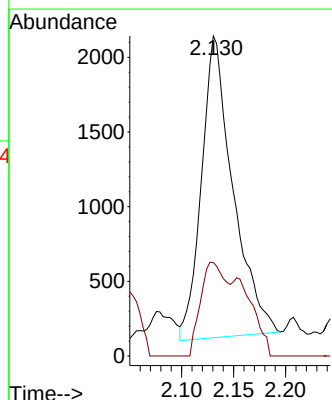
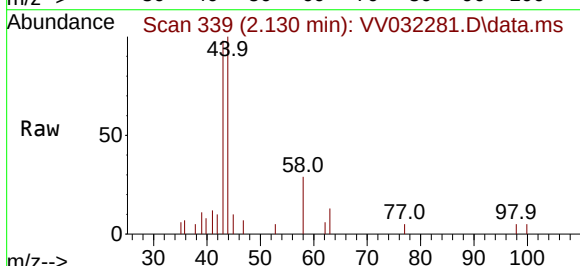
Delta R.T. -0.003 min

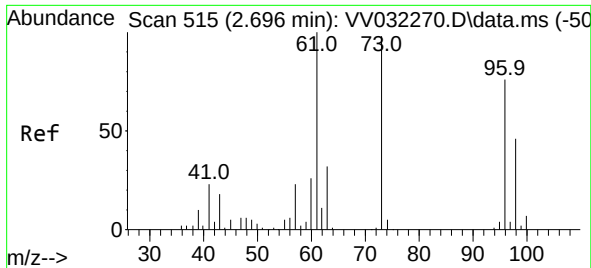
Lab File: VV032281.D

Acq: 06 Oct 2023 01:52

Tgt Ion: 43 Resp: 4251

Ion	Ratio	Lower	Upper
43	100		
58	25.9	0.0	66.0

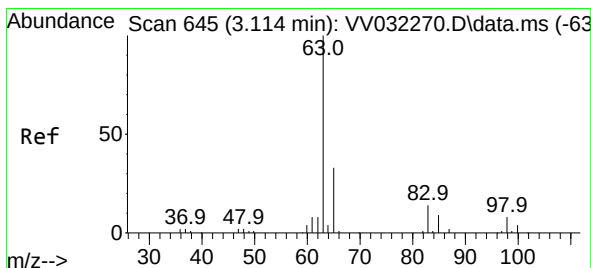
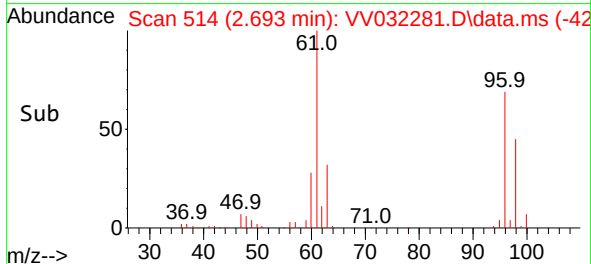
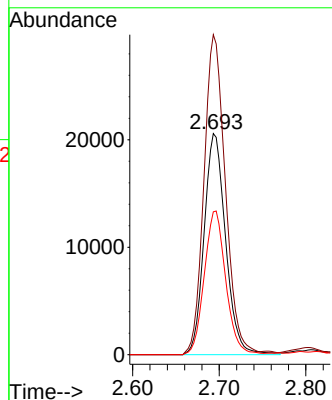
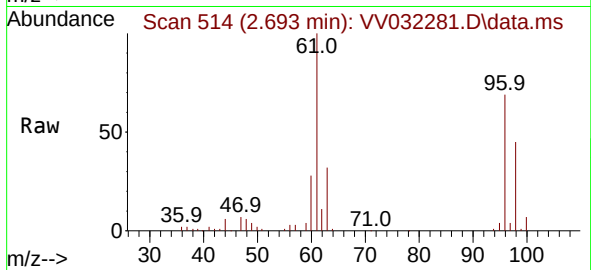




#18
trans-1,2-Dichloroethene
Concen: 4.632 ug/L
RT: 2.693 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV032281.D
Acq: 06 Oct 2023 01:52

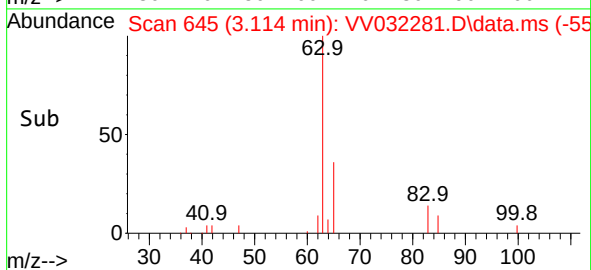
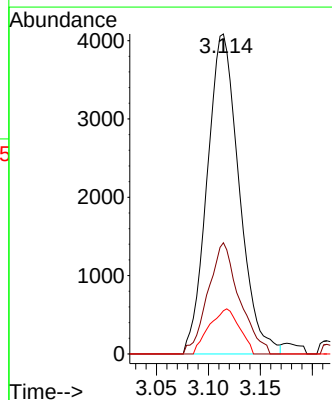
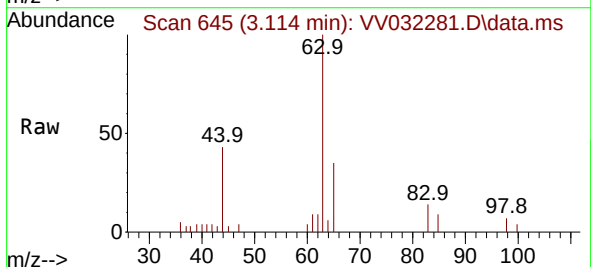
Instrument :
MSVOA_V
ClientSampleId :
EX865

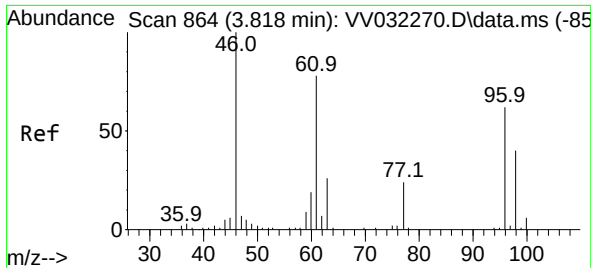
Tgt Ion: 96 Resp: 35437
Ion Ratio Lower Upper
96 100
61 144.8 96.9 180.1
98 64.6 45.3 84.1



#19
1,1-Dichloroethane
Concen: 0.608 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV032281.D
Acq: 06 Oct 2023 01:52

Tgt Ion: 63 Resp: 8747
Ion Ratio Lower Upper
63 100
65 34.7 22.3 41.5
83 13.5 9.0 16.6

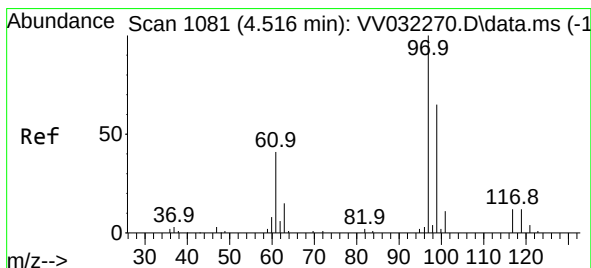
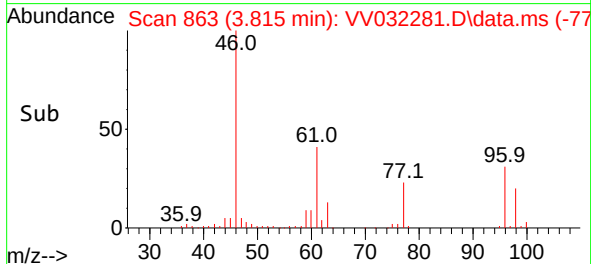
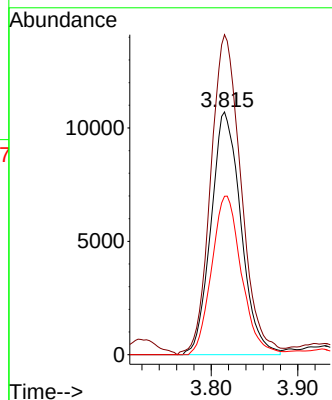
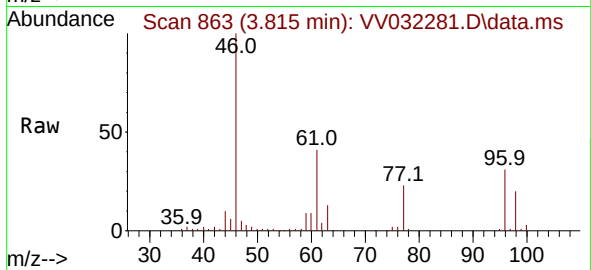




#22
 cis-1,2-Dichloroethene
 Concen: 3.116 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV032281.D
 Acq: 06 Oct 2023 01:52

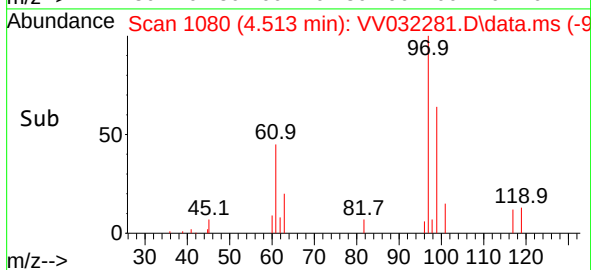
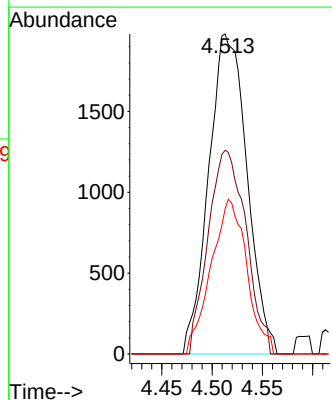
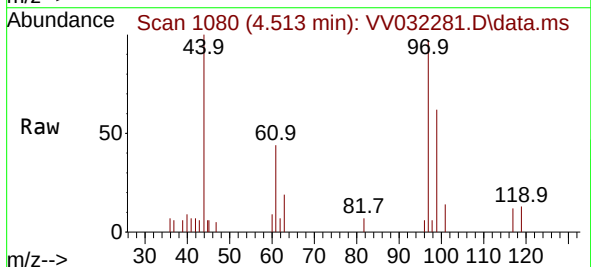
Instrument :
 MSVOA_V
 ClientSampleId :
 EX865

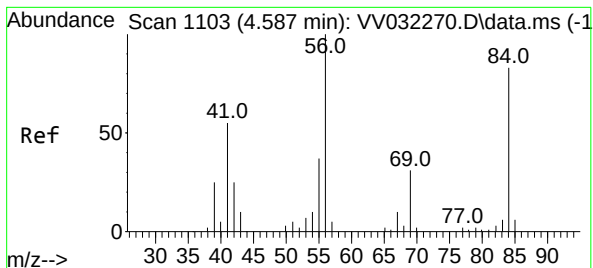
Tgt Ion: 96 Resp: 25663
 Ion Ratio Lower Upper
 96 100
 61 131.8 85.8 159.4
 98 65.2 44.0 81.6



#29
 1,1,1-Trichloroethane
 Concen: 0.459 ug/L
 RT: 4.513 min Scan# 1080
 Delta R.T. -0.003 min
 Lab File: VV032281.D
 Acq: 06 Oct 2023 01:52

Tgt Ion: 97 Resp: 5250
 Ion Ratio Lower Upper
 97 100
 99 62.9 50.1 75.1
 61 45.0 35.1 52.7





#30

Cyclohexane

Concen: 0.187 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.010 min

Lab File: VV032281.D

Acq: 06 Oct 2023 01:52

Instrument :

MSVOA_V

ClientSampleId :

EX865

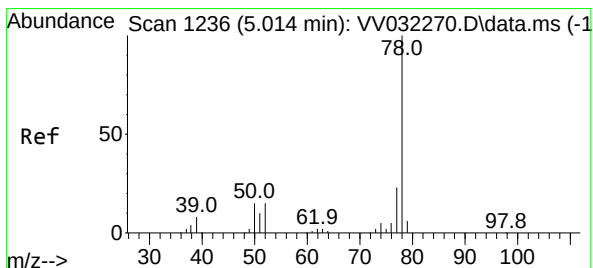
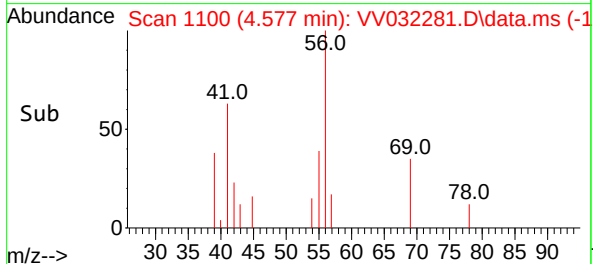
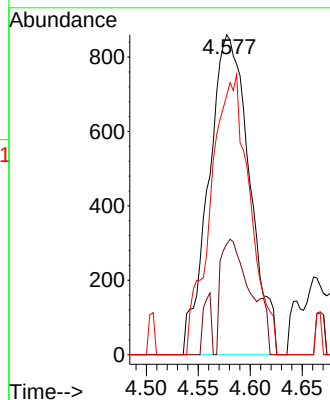
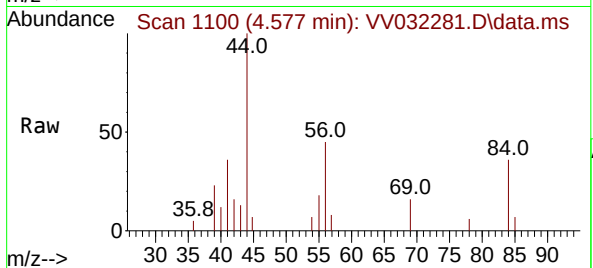
Tgt Ion: 56 Resp: 2344

Ion Ratio Lower Upper

56 100

69 26.7 24.2 36.2

84 84.2 68.1 102.1



#33

Benzene

Concen: 0.256 ug/L

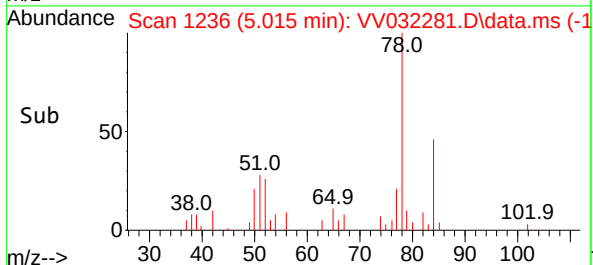
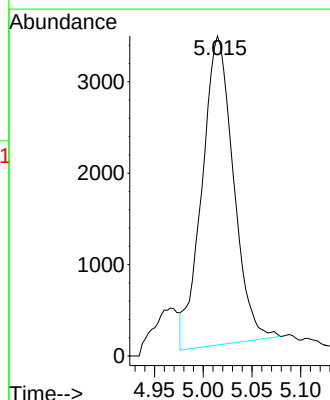
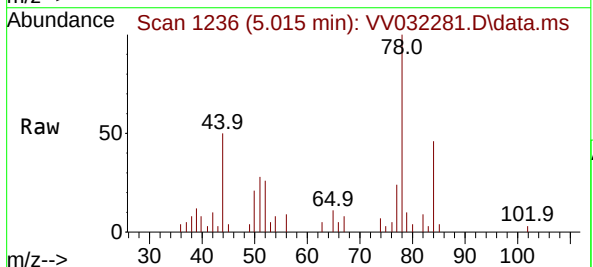
RT: 5.015 min Scan# 1236

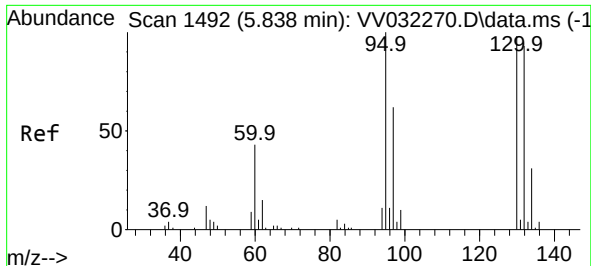
Delta R.T. 0.000 min

Lab File: VV032281.D

Acq: 06 Oct 2023 01:52

Tgt Ion: 78 Resp: 7582



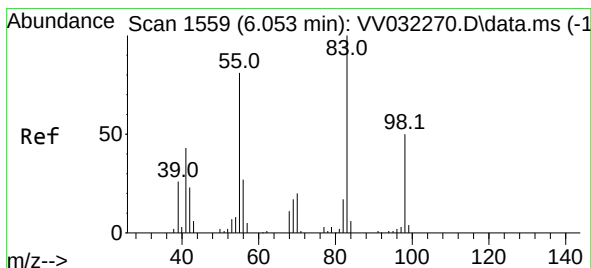
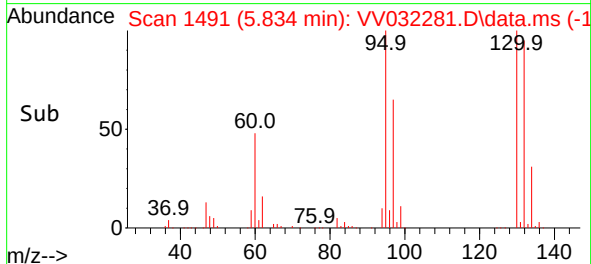
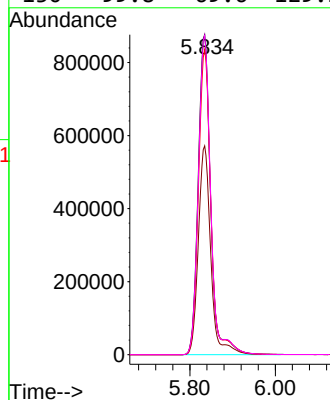
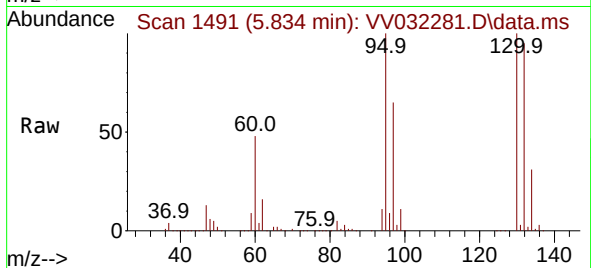


#34
Trichloroethene
Concen: 220.760 ug/L
RT: 5.834 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV032281.D
Acq: 06 Oct 2023 01:52

Instrument :
MSVOA_V
ClientSampleId :
EX865

Tgt Ion: 95 Resp: 1784470

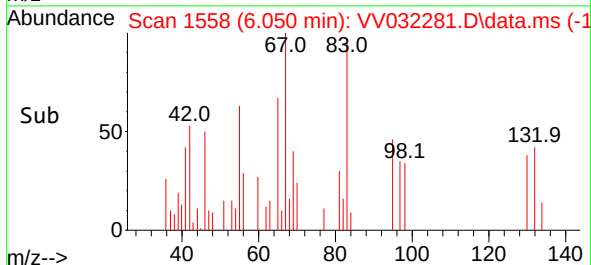
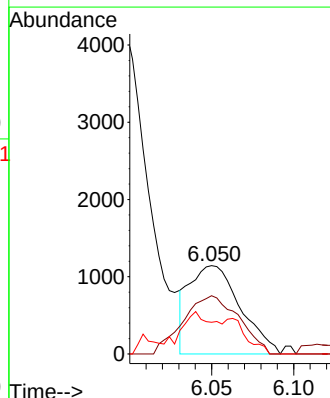
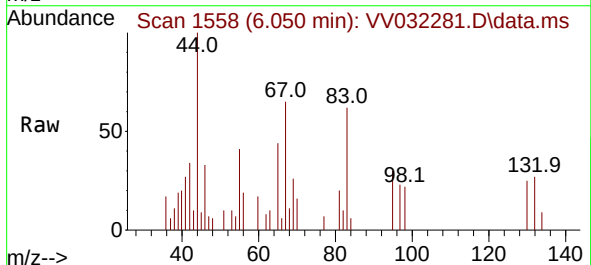
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.7	84.9
132	95.3	70.3	130.5
130	99.8	69.6	129.2

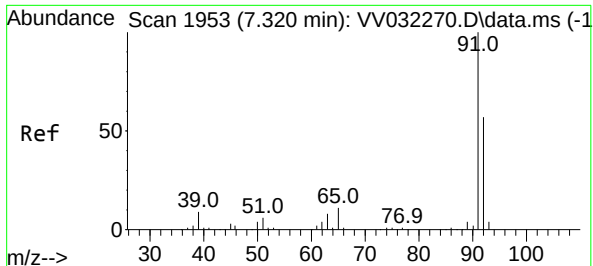


#35
Methylcyclohexane
Concen: 0.198 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032281.D
Acq: 06 Oct 2023 01:52

Tgt Ion: 83 Resp: 2477

Ion	Ratio	Lower	Upper
83	100		
55	71.9	64.2	96.2
98	0.0	39.6	59.4





#42

Toluene

Concen: 0.578 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV032281.D

Acq: 06 Oct 2023 01:52

Instrument :

MSVOA_V

ClientSampleId :

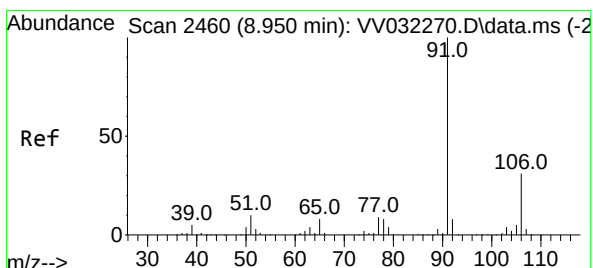
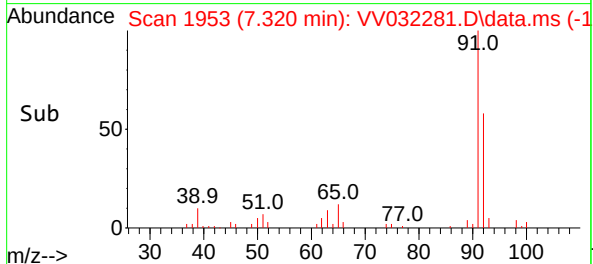
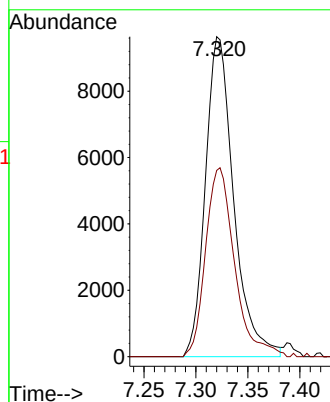
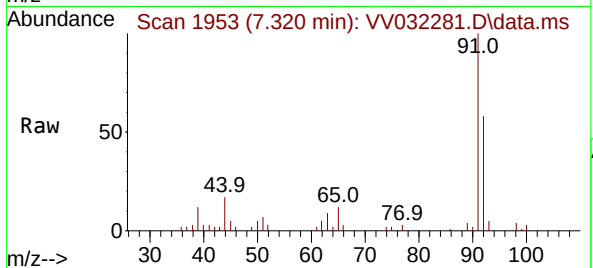
EX865

Tgt Ion: 91 Resp: 18256

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#52

Ethylbenzene

Concen: 0.103 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV032281.D

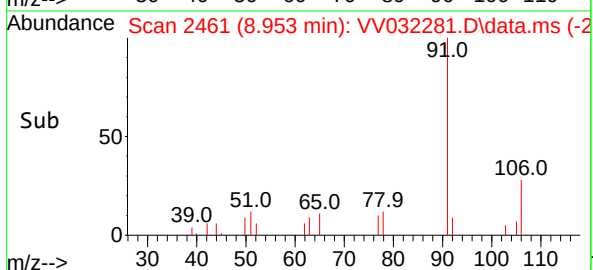
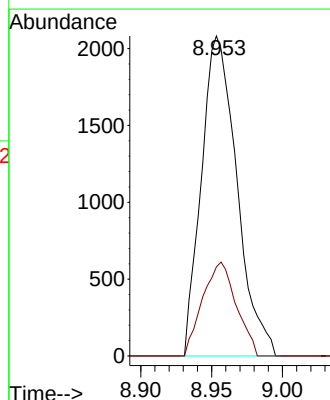
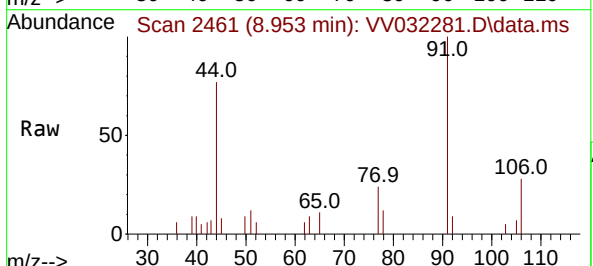
Acq: 06 Oct 2023 01:52

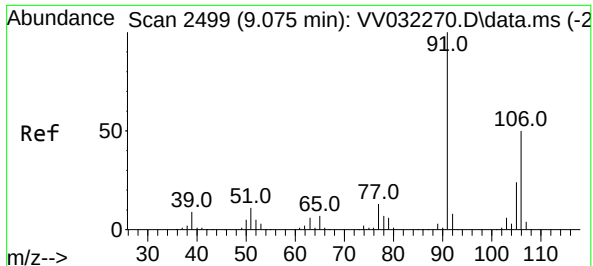
Tgt Ion: 91 Resp: 3615

Ion Ratio Lower Upper

91 100

106 27.8 21.3 39.5

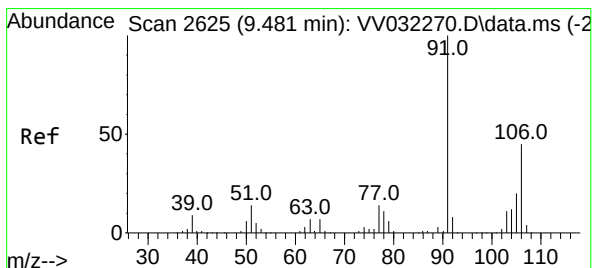
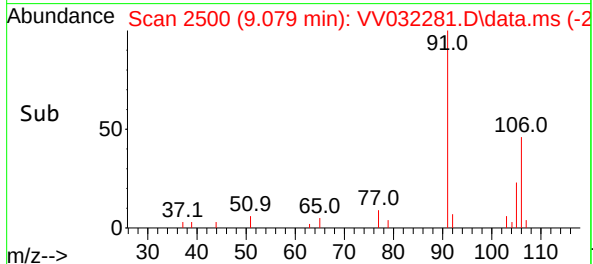
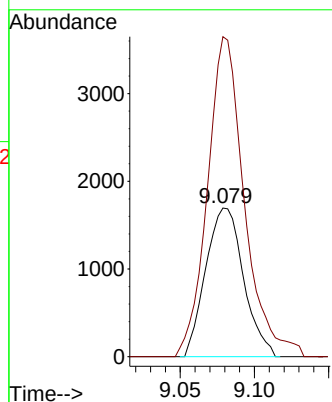
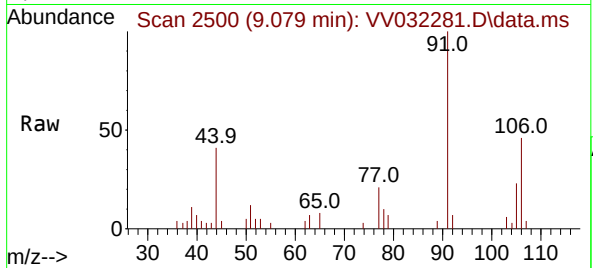




#53
m,p-Xylene
Concen: 0.230 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032281.D
Acq: 06 Oct 2023 01:52

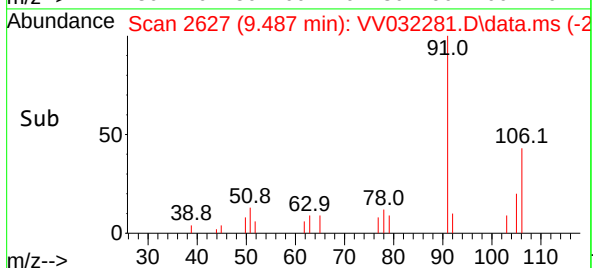
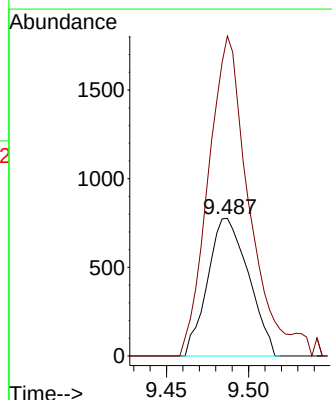
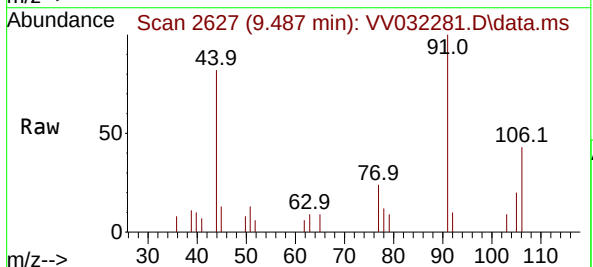
Instrument :
MSVOA_V
ClientSampleId :
EX865

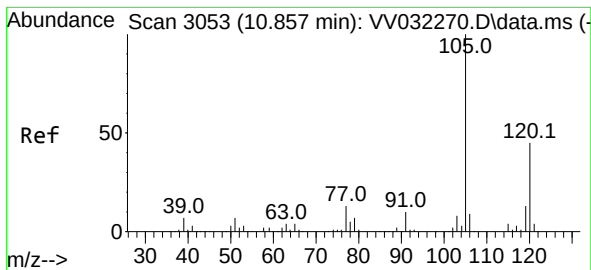
Tgt Ion:106 Resp: 3003
Ion Ratio Lower Upper
106 100
91 215.2 144.5 268.3



#54
o-Xylene
Concen: 0.107 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.007 min
Lab File: VV032281.D
Acq: 06 Oct 2023 01:52

Tgt Ion:106 Resp: 1341
Ion Ratio Lower Upper
106 100
91 232.6 154.8 287.4





#63

1,2,4-Trimethylbenzene

Concen: 0.115 ug/L

RT: 10.860 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV032281.D

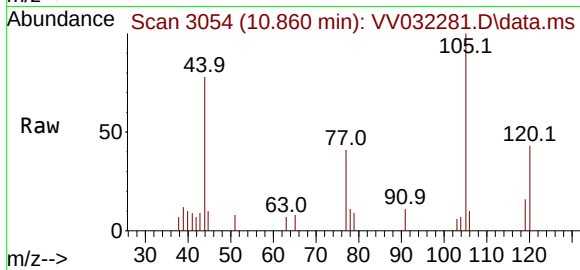
Acq: 06 Oct 2023 01:52

Instrument :

MSVOA_V

ClientSampleId :

EX865



Tgt Ion:105 Resp: 2730

Ion Ratio Lower Upper

105 100

120 40.1 36.2 54.4

