

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032354.D
 Acq On : 10 Oct 2023 01:53
 Operator : SY/MD
 Sample : 04774-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX871

Quant Time: Oct 10 06:02:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	92548	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	93567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	41714	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38924	5.171	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.400%
7) Chloroethane-d5	1.532	69	30970	5.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.063	65	14951	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.793	46	98507	51.736	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.480%
24) Chloroform-d	4.252	84	60202	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.947	65	31077	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	4.963	84	121429	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.992	67	38364	4.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.246	98	110304	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.561	79	14121	4.369	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.030	63	84083	55.286	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.580%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33230	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	36190	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%

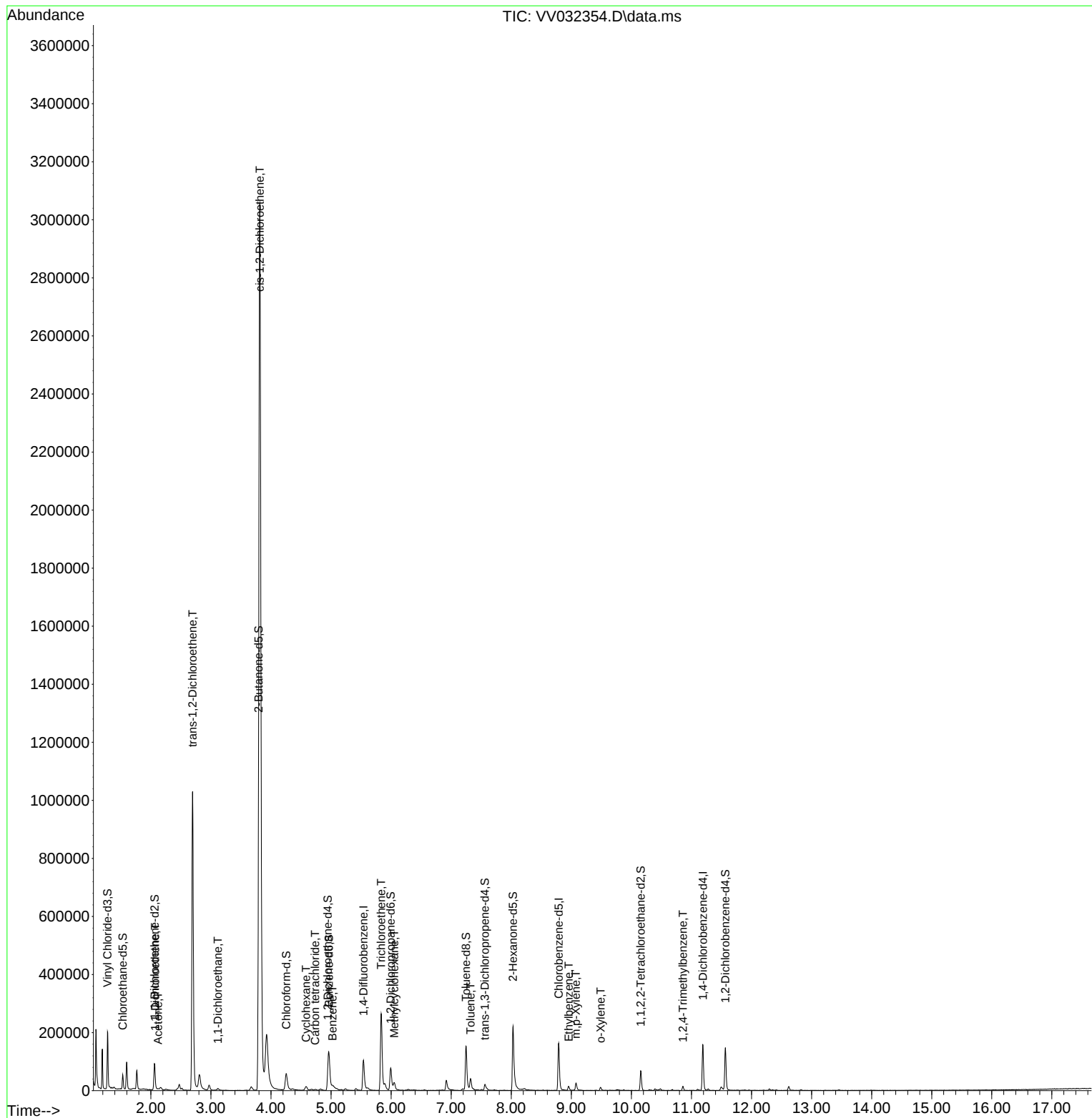
Target Compounds				Qvalue		
12) 1,1-Dichloroethene	2.072	96	2217	0.327	ug/L #	1
13) Acetone	2.121	43	3744	2.551	ug/L	81
18) trans-1,2-Dichloroethene	2.696	96	387940	49.899	ug/L	98
19) 1,1-Dichloroethane	3.117	63	6339	0.433	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	1705606	203.750	ug/L	96
30) Cyclohexane	4.584	56	5663	0.405	ug/L #	28
31) Carbon tetrachloride	4.735	117	2260	0.210	ug/L	98
33) Benzene	5.024	78	12796	0.388	ug/L	100
34) Trichloroethene	5.834	95	95165	10.582	ug/L	98
35) Methylcyclohexane	6.053	83	9648	0.693	ug/L	91
42) Toluene	7.323	91	31702	0.903	ug/L	99
52) Ethylbenzene	8.956	91	10503	0.269	ug/L	98
53) m,p-Xylene	9.079	106	7626	0.526	ug/L	92
54) o-Xylene	9.487	106	3127	0.224	ug/L	85
63) 1,2,4-Trimethylbenzene	10.857	105	7783	0.296	ug/L	94

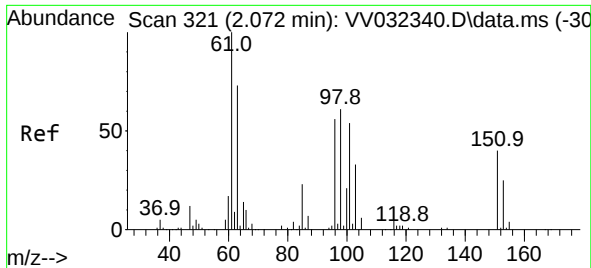
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 10 05:42:01 2023
Response via : Initial Calibration

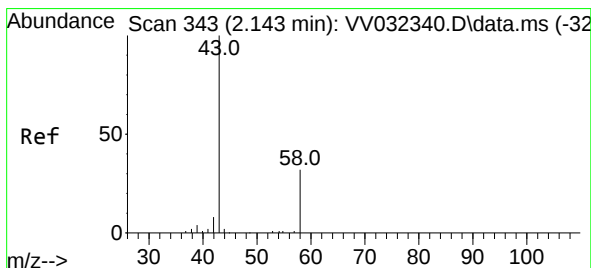
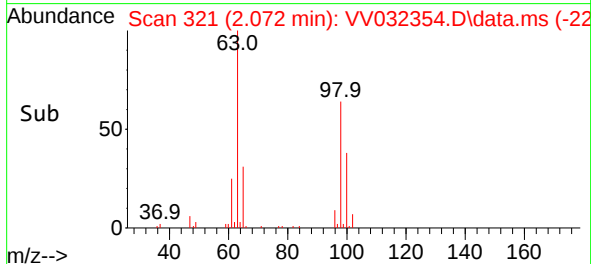
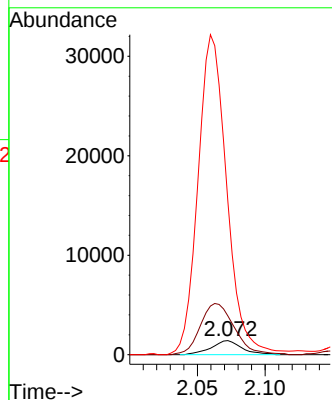
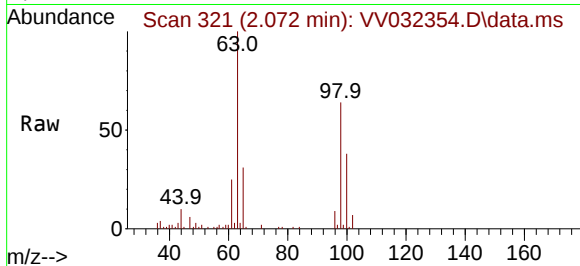




#12
1,1-Dichloroethene
Concen: 0.327 ug/L
RT: 2.072 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

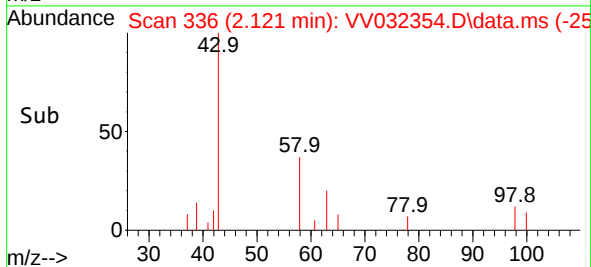
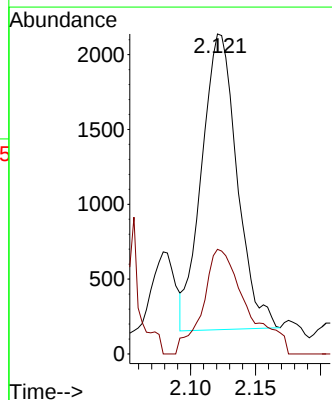
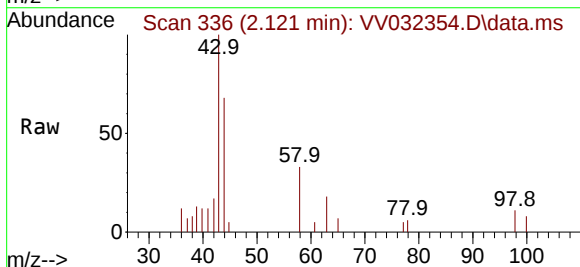
Instrument :
MSVOA_V
ClientSampleId :
EX871

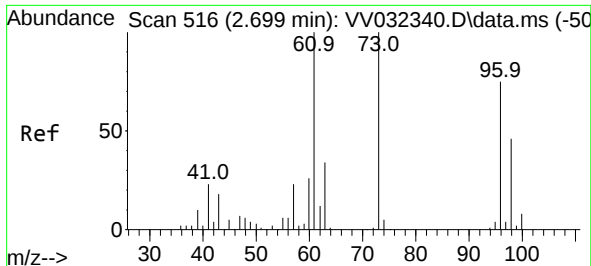
Tgt Ion: 96 Resp: 2217
Ion Ratio Lower Upper
96 100
61 274.9 127.3 236.3#
63 1088.8 98.3 182.7#



#13
Acetone
Concen: 2.551 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.022 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

Tgt Ion: 43 Resp: 3744
Ion Ratio Lower Upper
43 100
58 43.5 0.0 66.0

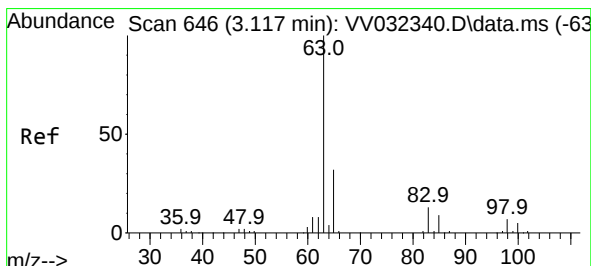
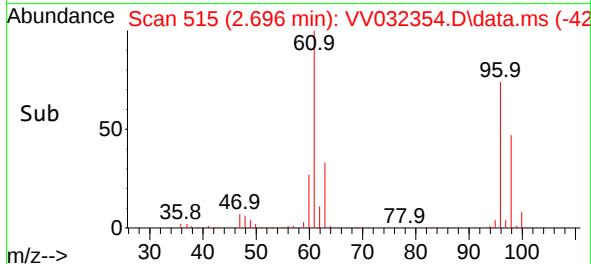
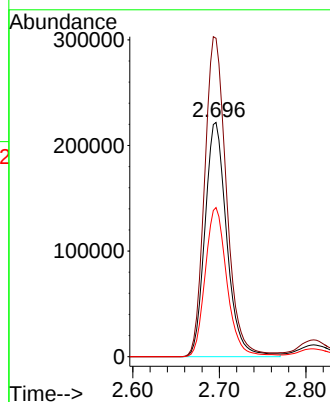
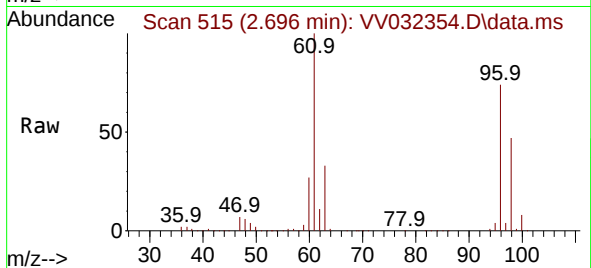




#18
trans-1,2-Dichloroethene
Concen: 49.899 ug/L
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

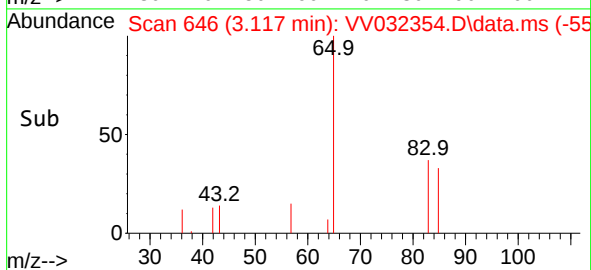
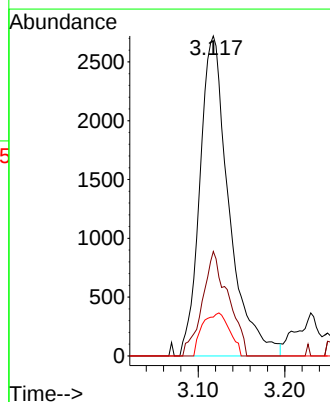
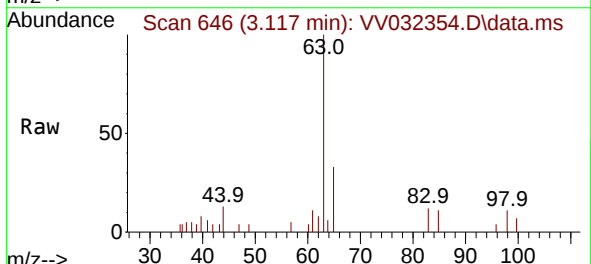
Instrument :
MSVOA_V
ClientSampleId :
EX871

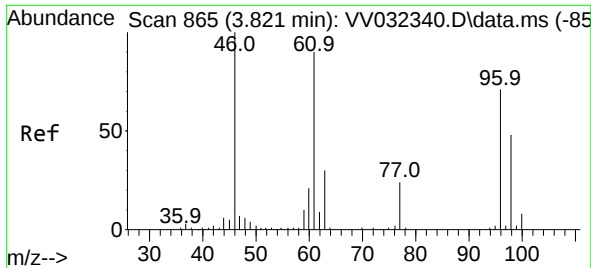
Tgt Ion: 96 Resp: 387940
Ion Ratio Lower Upper
96 100
61 135.9 96.9 180.1
98 63.7 45.3 84.1



#19
1,1-Dichloroethane
Concen: 0.433 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

Tgt Ion: 63 Resp: 6339
Ion Ratio Lower Upper
63 100
65 30.7 22.3 41.5
83 11.4 9.0 16.6



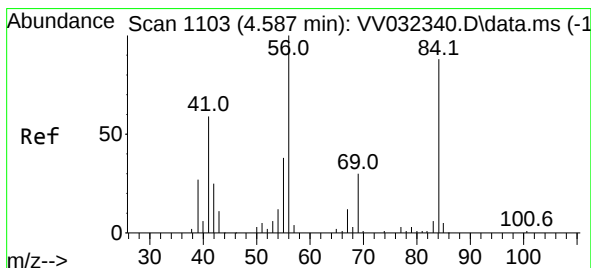
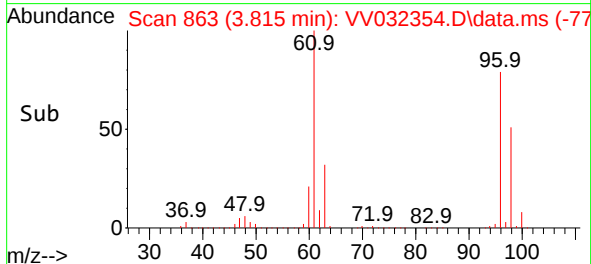
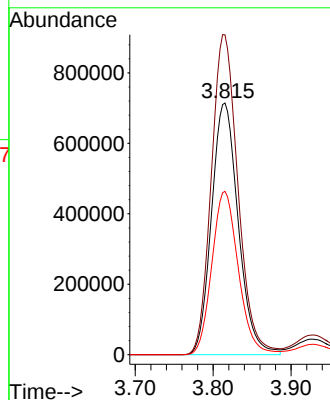
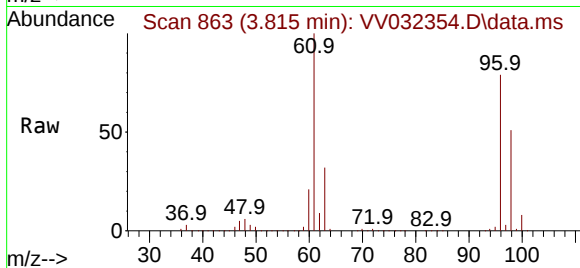


#22
 cis-1,2-Dichloroethene
 Concen: 203.750 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VV032354.D
 Acq: 10 Oct 2023 01:53

Instrument :
 MSVOA_V
 ClientSampleId :
 EX871

Tgt Ion: 96 Resp: 1705606

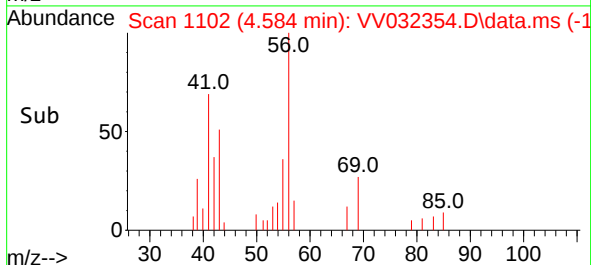
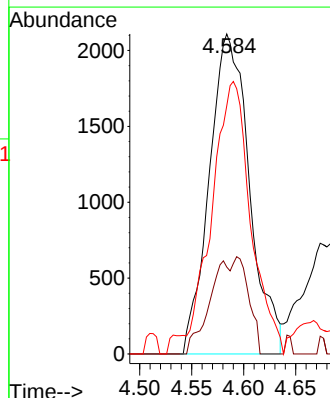
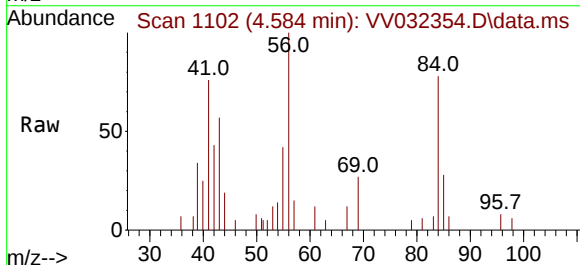
Ion	Ratio	Lower	Upper
96	100		
61	127.1	85.8	159.4
98	64.9	44.0	81.6

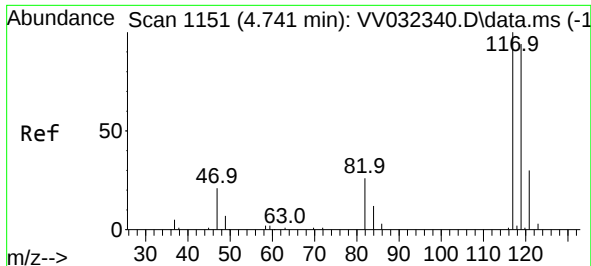


#30
 Cyclohexane
 Concen: 0.405 ug/L
 RT: 4.584 min Scan# 1102
 Delta R.T. -0.003 min
 Lab File: VV032354.D
 Acq: 10 Oct 2023 01:53

Tgt Ion: 56 Resp: 5663

Ion	Ratio	Lower	Upper
56	100		
69	15.7	24.2	36.2#
84	4.1	68.1	102.1#

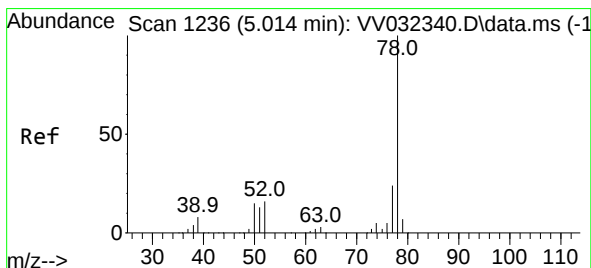
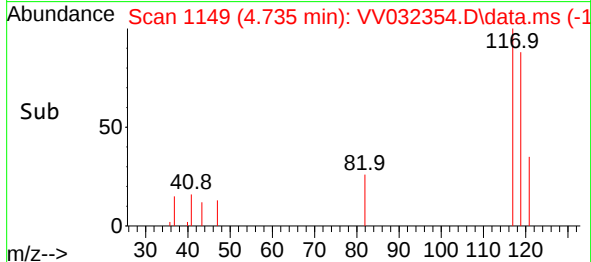
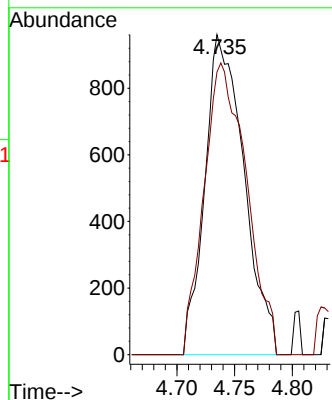
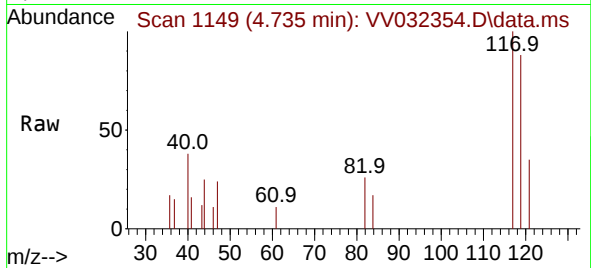




#31
Carbon tetrachloride
Concen: 0.210 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

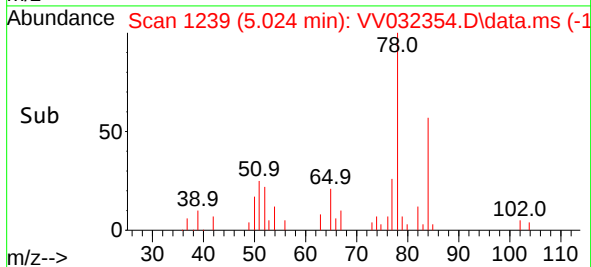
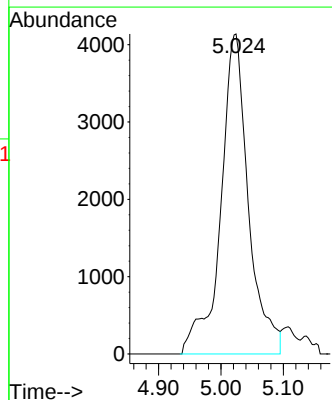
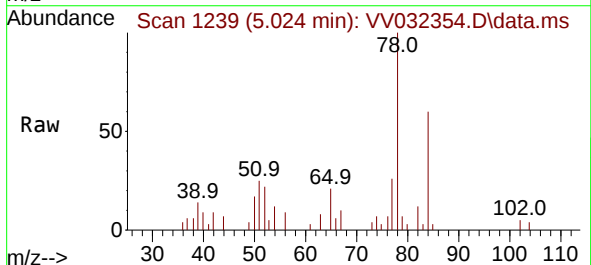
Instrument :
MSVOA_V
ClientSampleId :
EX871

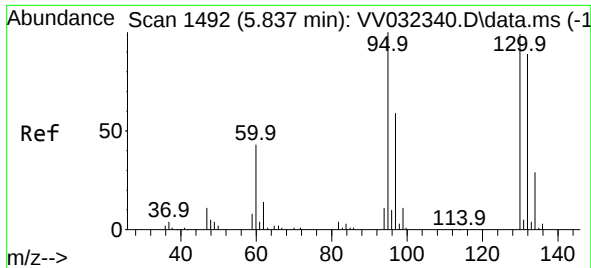
Tgt Ion:117 Resp: 2260
Ion Ratio Lower Upper
117 100
119 99.0 77.6 116.4



#33
Benzene
Concen: 0.388 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.010 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

Tgt Ion: 78 Resp: 12796



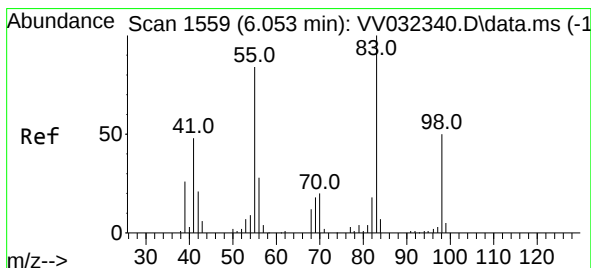
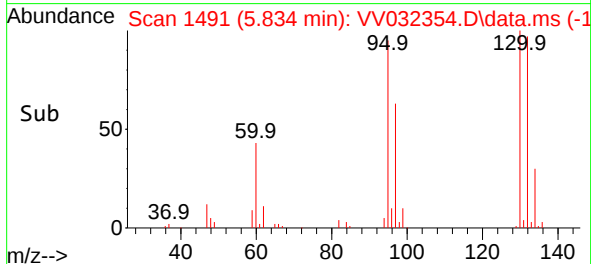
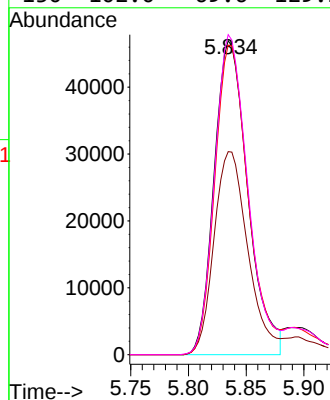
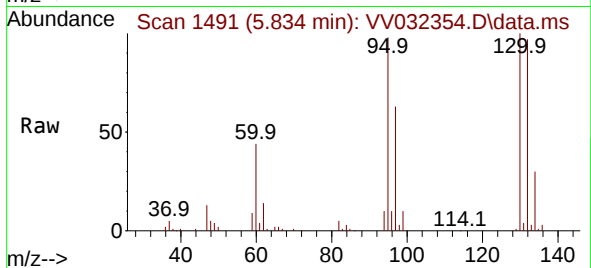


#34
Trichloroethene
Concen: 10.582 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

Instrument :
MSVOA_V
ClientSampleId :
EX871

Tgt Ion: 95 Resp: 95165

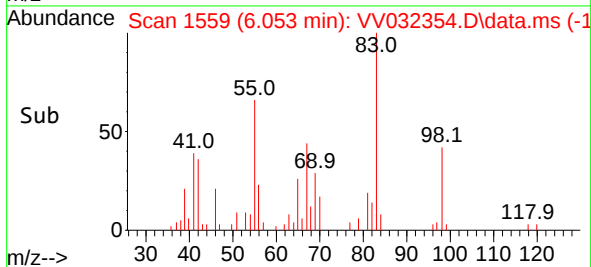
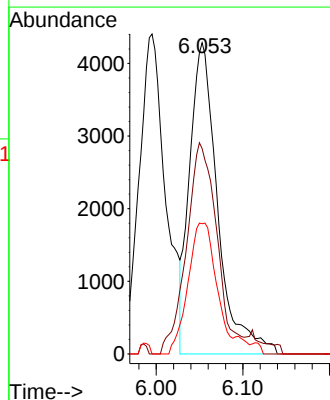
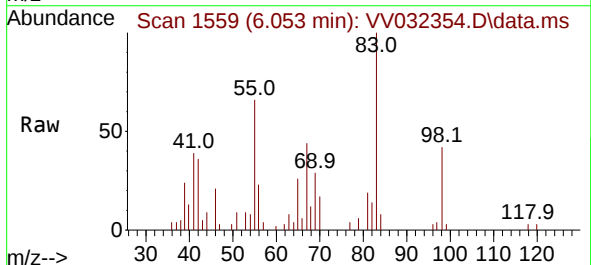
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.7	84.9
132	98.6	70.3	130.5
130	102.0	69.6	129.2

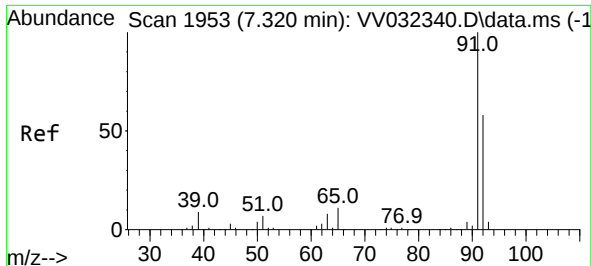


#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

Tgt Ion: 83 Resp: 9648

Ion	Ratio	Lower	Upper
83	100		
55	73.5	64.2	96.2
98	42.4	39.6	59.4





#42

Toluene

Concen: 0.903 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV032354.D

Acq: 10 Oct 2023 01:53

Instrument :

MSVOA_V

ClientSampleId :

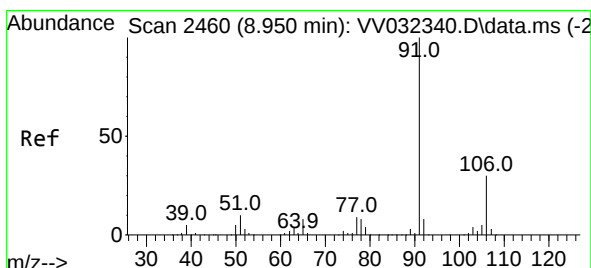
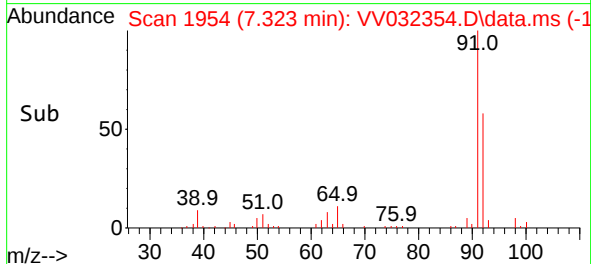
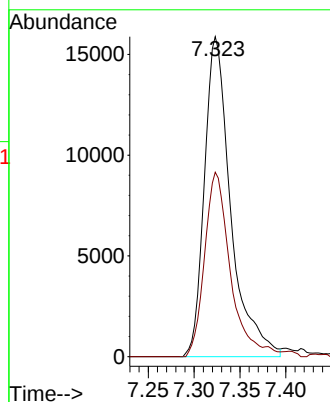
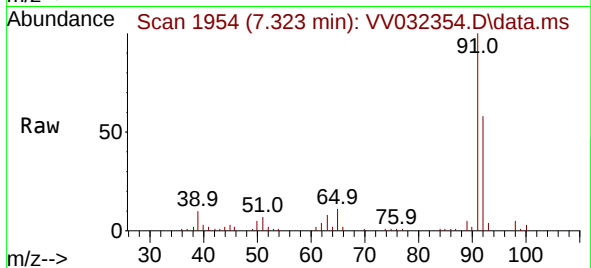
EX871

Tgt Ion: 91 Resp: 31702

Ion Ratio Lower Upper

91 100

92 57.6 40.8 75.8



#52

Ethylbenzene

Concen: 0.269 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.007 min

Lab File: VV032354.D

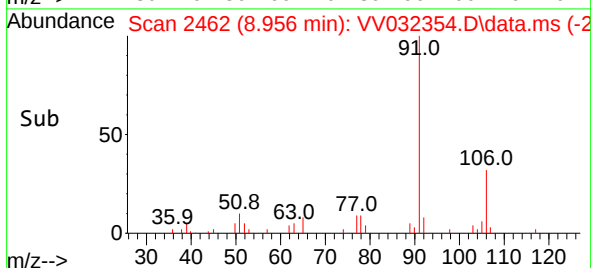
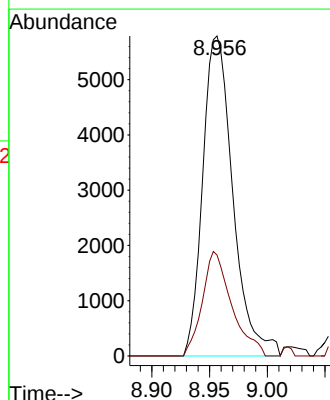
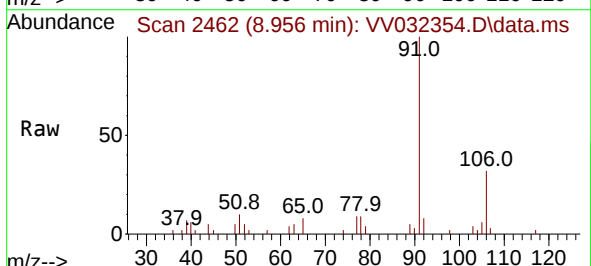
Acq: 10 Oct 2023 01:53

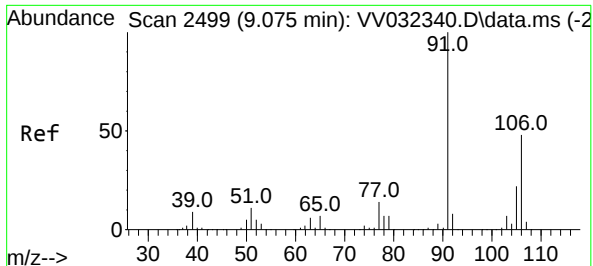
Tgt Ion: 91 Resp: 10503

Ion Ratio Lower Upper

91 100

106 31.6 21.3 39.5

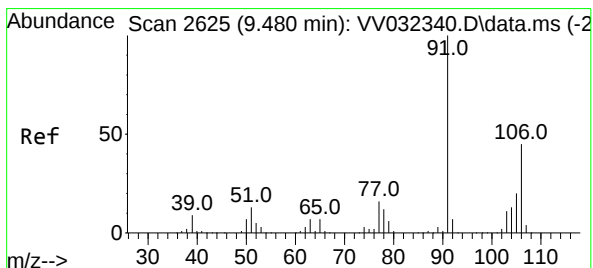
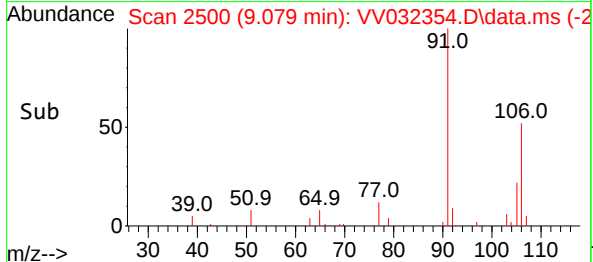
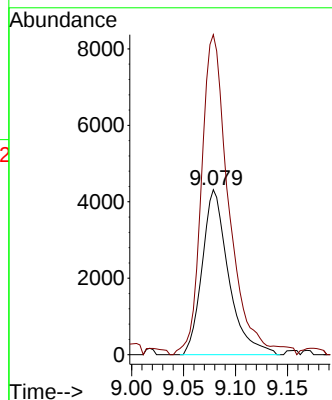
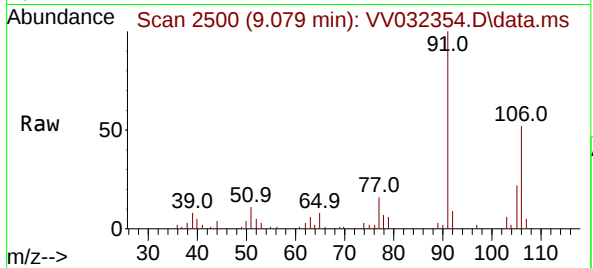




#53
m,p-Xylene
Concen: 0.526 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

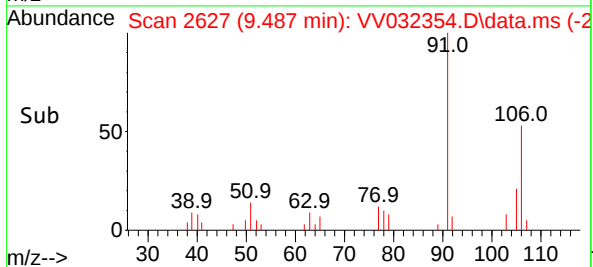
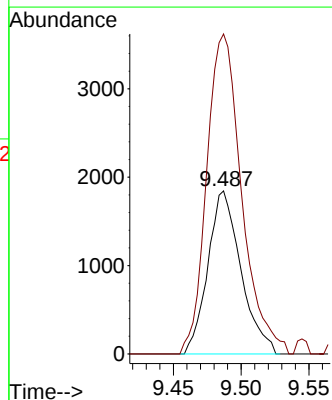
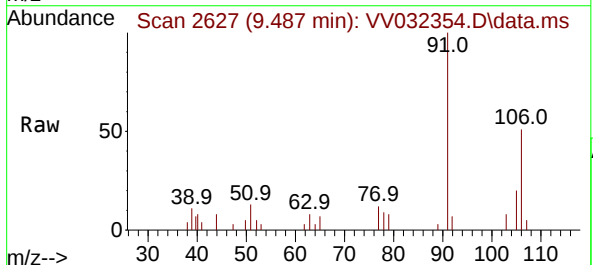
Instrument :
MSVOA_V
ClientSampleId :
EX871

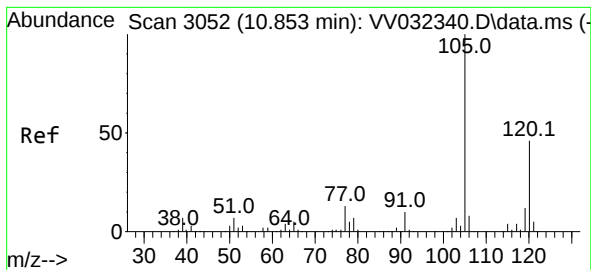
Tgt Ion:106 Resp: 7626
Ion Ratio Lower Upper
106 100
91 194.0 144.5 268.3



#54
o-Xylene
Concen: 0.224 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.007 min
Lab File: VV032354.D
Acq: 10 Oct 2023 01:53

Tgt Ion:106 Resp: 3127
Ion Ratio Lower Upper
106 100
91 196.3 154.8 287.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.296 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV032354.D
 Acq: 10 Oct 2023 01:53

Instrument :
 MSVOA_V
 ClientSampleId :
 EX871

Tgt Ion:105 Resp: 7783
 Ion Ratio Lower Upper
 105 100
 120 49.2 36.2 54.4

