

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032284.D
 Acq On : 06 Oct 2023 05:21
 Operator : SY/MD
 Sample : 04774-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX868

Quant Time: Oct 06 06:19:24 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)

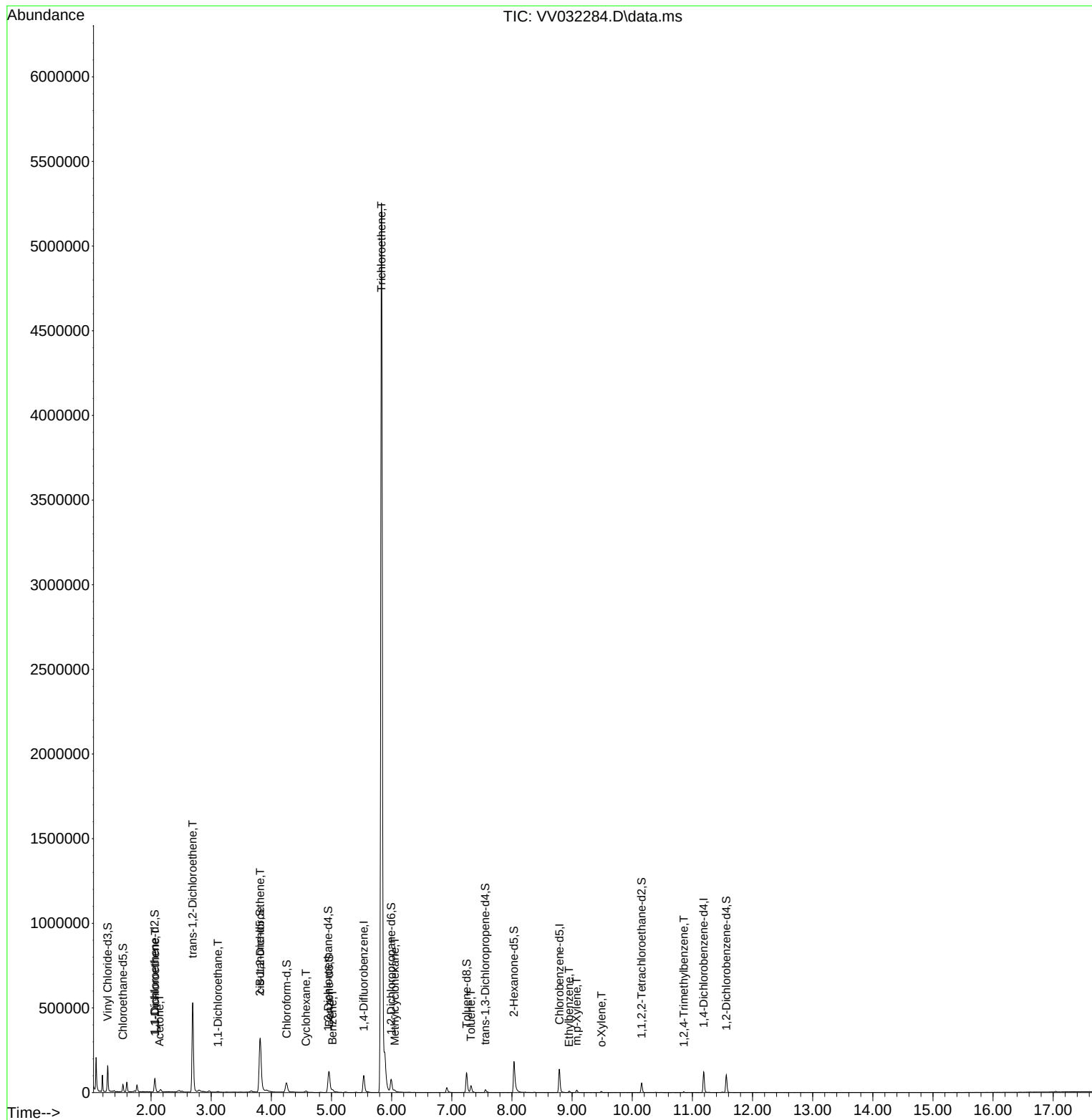
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	85307	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	79763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	32376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27530	3.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.532	69	27205	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.060	65	11130	3.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.809	46	112160	63.906	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.820%
24) Chloroform-d	4.253	84	56839	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.947	65	30930	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	4.960	84	105362	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	5.992	67	39707	5.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.246	98	82127	3.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.558	79	10942	3.971	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.034	63	67999	52.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.900%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27700	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	26229	4.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	7187	1.149	ug/L #	15
13) Acetone	2.140	43	3464	2.561	ug/L	90
18) trans-1,2-Dichloroethene	2.693	96	191740	26.756	ug/L	97
19) 1,1-Dichloroethane	3.114	63	3273	0.243	ug/L #	82
22) cis-1,2-Dichloroethene	3.815	96	144526	18.730	ug/L	94
30) Cyclohexane	4.577	56	3912	0.328	ug/L #	88
33) Benzene	5.015	78	12941	0.461	ug/L	100
34) Trichloroethene	5.831	95	1923713	250.932	ug/L	98
35) Methylcyclohexane	6.053	83	3263	0.275	ug/L	97
42) Toluene	7.320	91	31268	1.044	ug/L	98
52) Ethylbenzene	8.950	91	6367	0.191	ug/L	96
53) m,p-Xylene	9.079	106	4114	0.333	ug/L	95
54) o-Xylene	9.487	106	1794	0.151	ug/L	88
63) 1,2,4-Trimethylbenzene	10.857	105	2714	0.133	ug/L	96

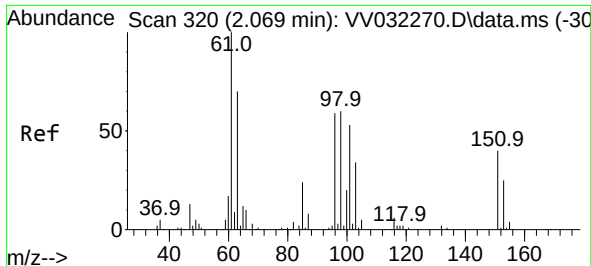
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
Data File : VV032284.D
Acq On : 06 Oct 2023 05:21
Operator : SY/MD
Sample : 04774-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX868

Quant Time: Oct 06 06:19:24 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

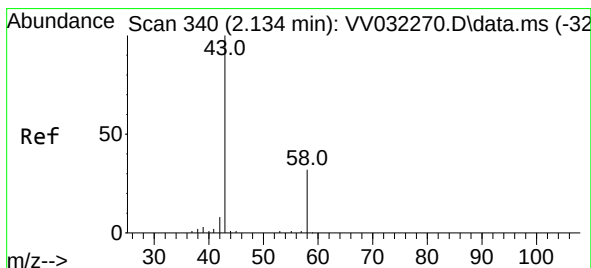
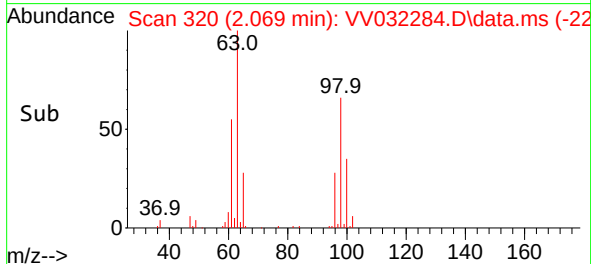
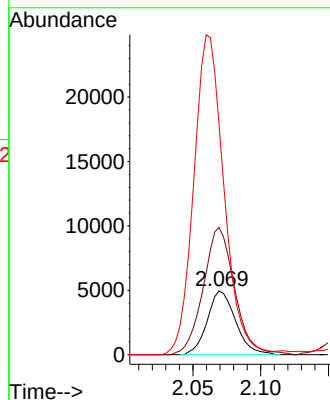
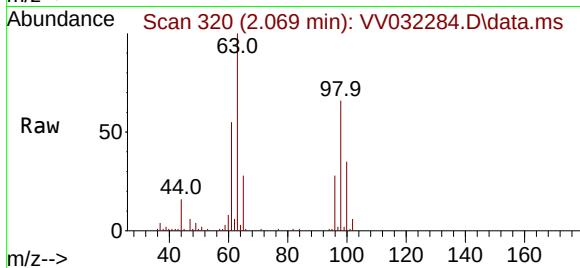




#12
1,1-Dichloroethene
Concen: 1.149 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

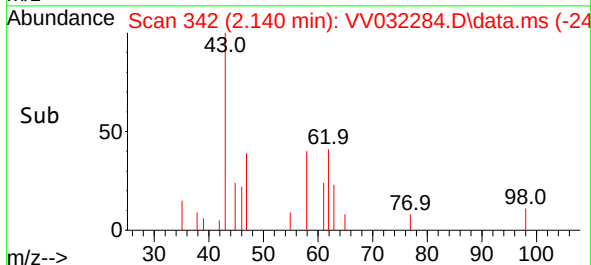
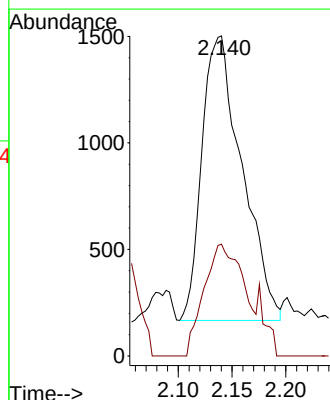
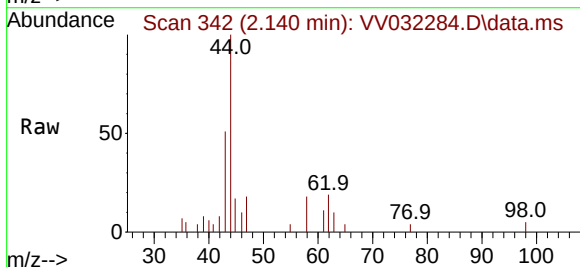
Instrument :
MSVOA_V
ClientSampleId :
EX868

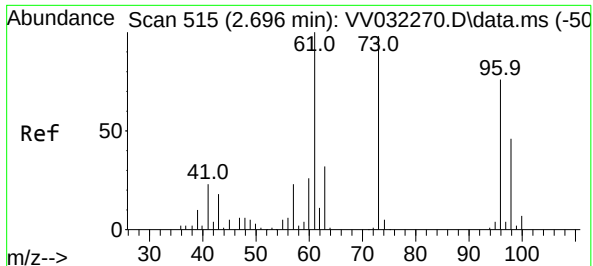
Tgt Ion: 96 Resp: 7187
Ion Ratio Lower Upper
96 100
61 199.2 127.3 236.3
63 359.1 98.3 182.7#



#13
Acetone
Concen: 2.561 ug/L
RT: 2.140 min Scan# 342
Delta R.T. 0.006 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 43 Resp: 3464
Ion Ratio Lower Upper
43 100
58 38.7 0.0 66.0

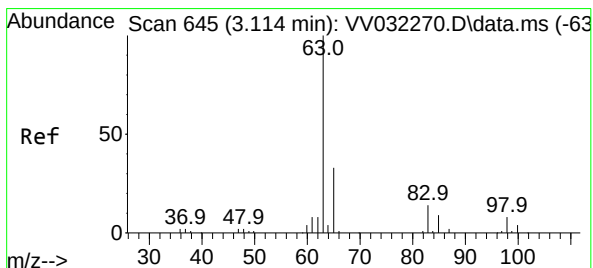
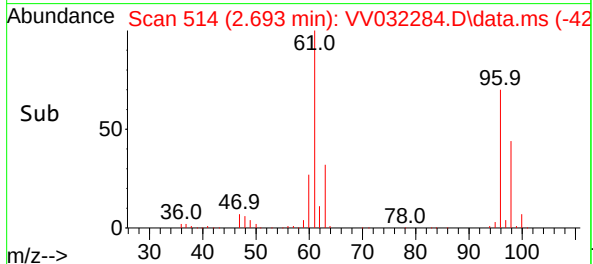
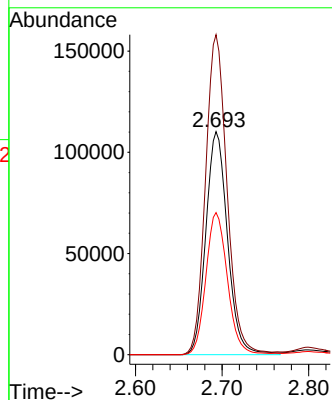
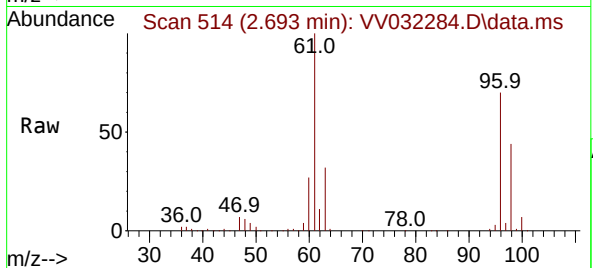




#18
trans-1,2-Dichloroethene
Concen: 26.756 ug/L
RT: 2.693 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

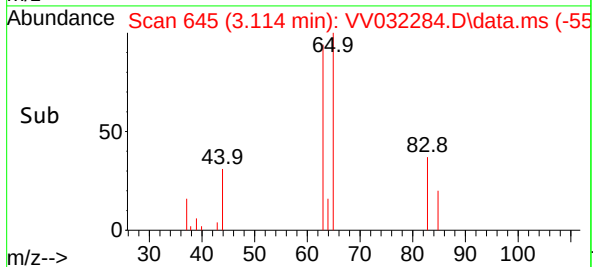
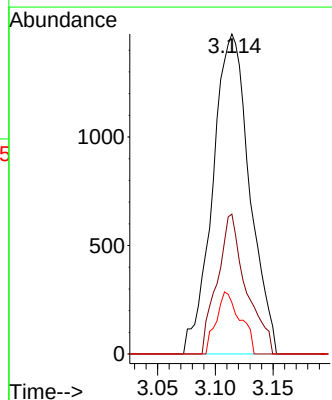
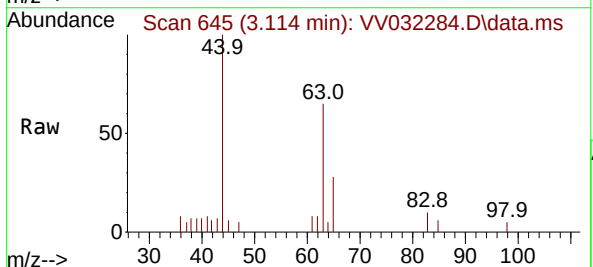
Instrument :
MSVOA_V
ClientSampleId :
EX868

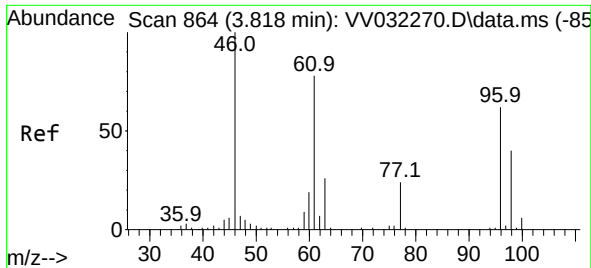
Tgt Ion: 96 Resp: 191740
Ion Ratio Lower Upper
96 100
61 143.4 96.9 180.1
98 63.7 45.3 84.1



#19
1,1-Dichloroethane
Concen: 0.243 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 63 Resp: 3273
Ion Ratio Lower Upper
63 100
65 43.7 22.3 41.5#
83 16.1 9.0 16.6

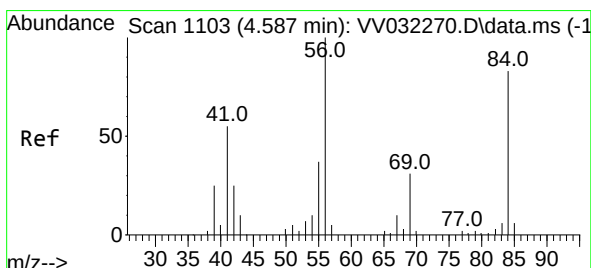
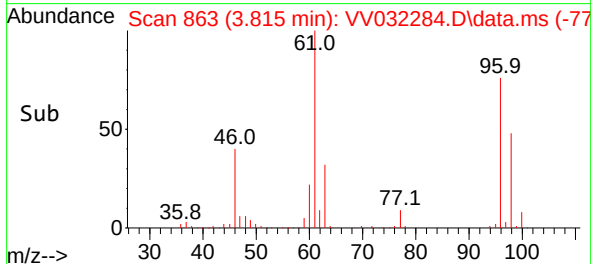
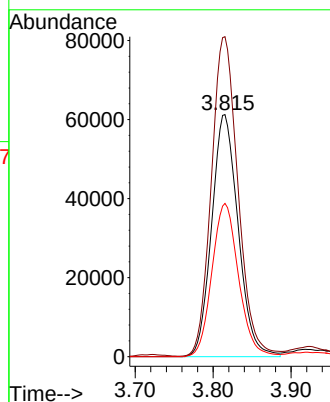
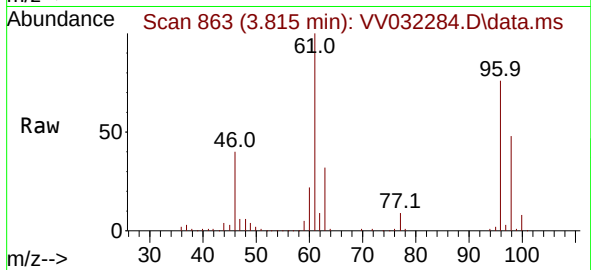




#22
 cis-1,2-Dichloroethene
 Concen: 18.730 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV032284.D
 Acq: 06 Oct 2023 05:21

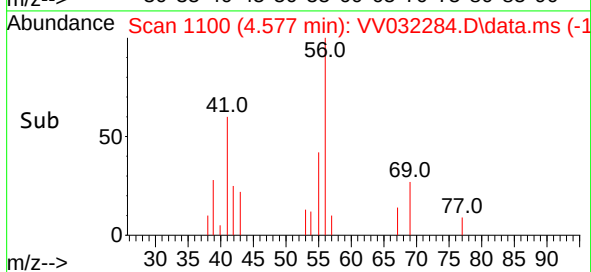
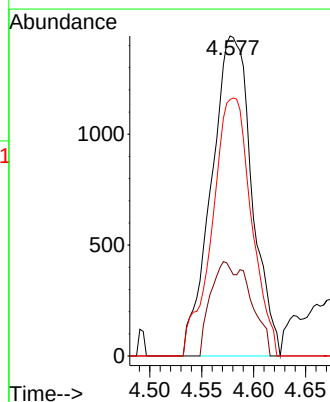
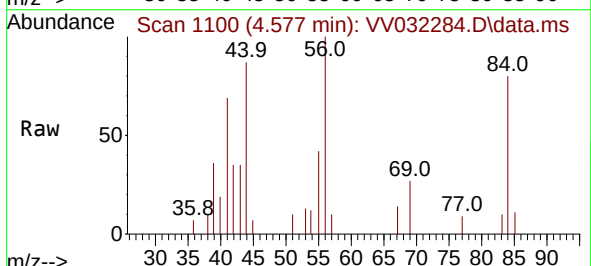
Instrument :
 MSVOA_V
 ClientSampleId :
 EX868

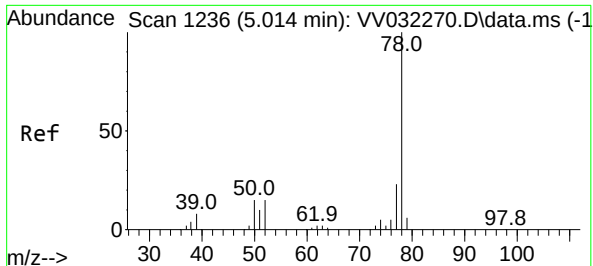
Tgt Ion: 96 Resp: 144526
 Ion Ratio Lower Upper
 96 100
 61 132.2 85.8 159.4
 98 63.3 44.0 81.6



#30
 Cyclohexane
 Concen: 0.328 ug/L
 RT: 4.577 min Scan# 1100
 Delta R.T. -0.010 min
 Lab File: VV032284.D
 Acq: 06 Oct 2023 05:21

Tgt Ion: 56 Resp: 3912
 Ion Ratio Lower Upper
 56 100
 69 18.1 24.2 36.2#
 84 77.9 68.1 102.1

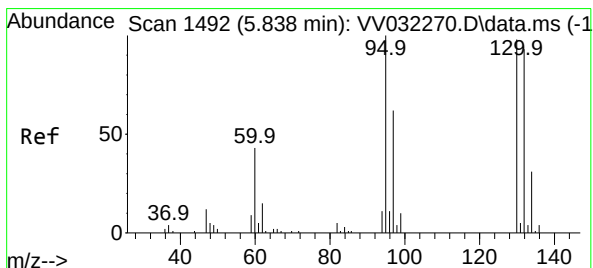
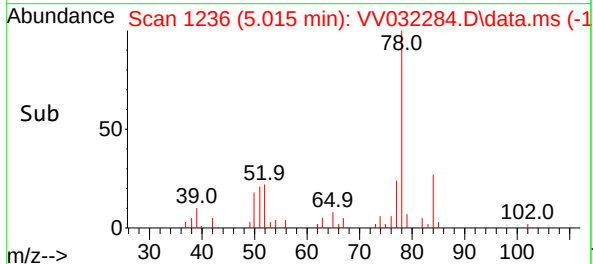
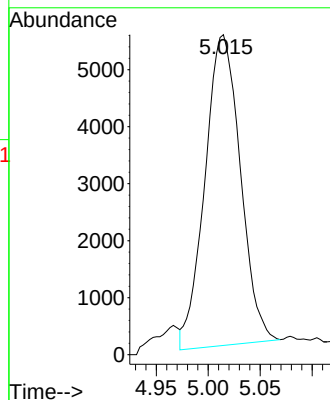
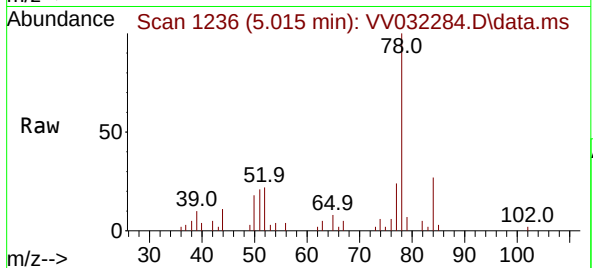




#33
Benzene
Concen: 0.461 ug/L
RT: 5.015 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :
EX868

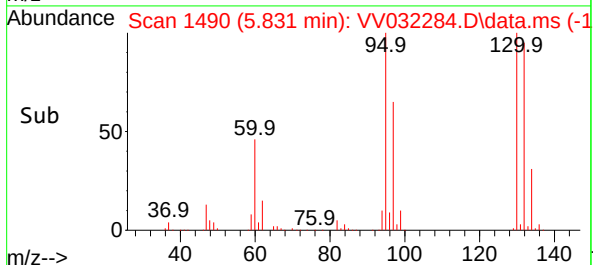
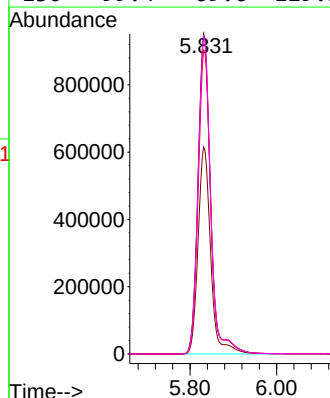
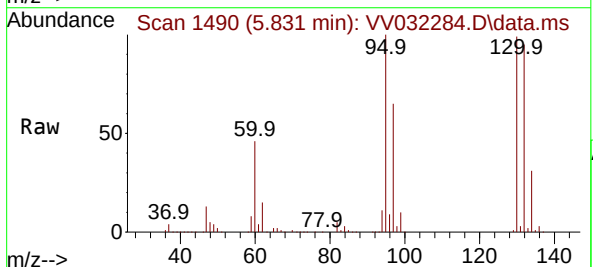
Tgt Ion: 78 Resp: 12941

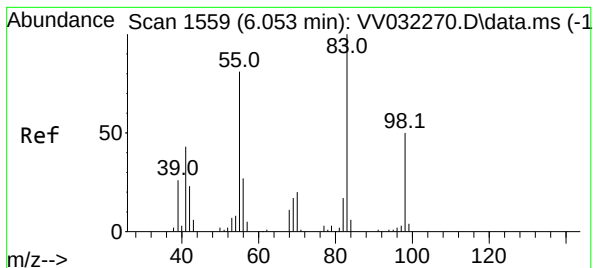


#34
Trichloroethene
Concen: 250.932 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 95 Resp: 1923713

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.7	84.9
132	95.0	70.3	130.5
130	99.4	69.6	129.2





#35

Methylcyclohexane

Concen: 0.275 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV032284.D

Acq: 06 Oct 2023 05:21

Instrument :

MSVOA_V

ClientSampleId :

EX868

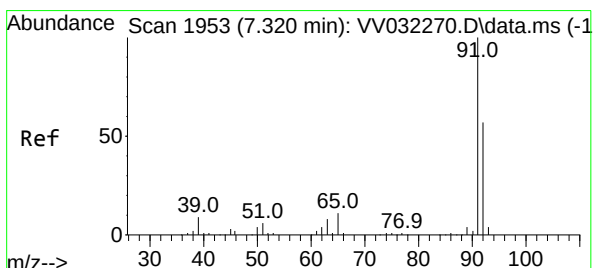
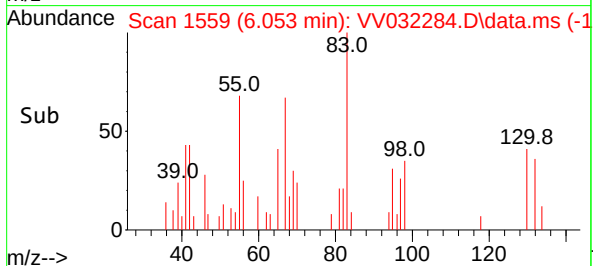
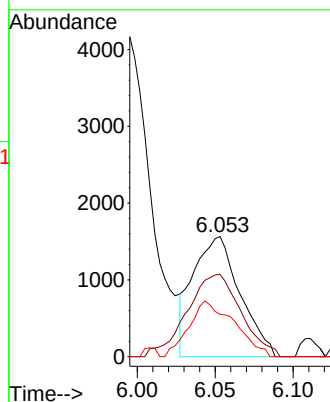
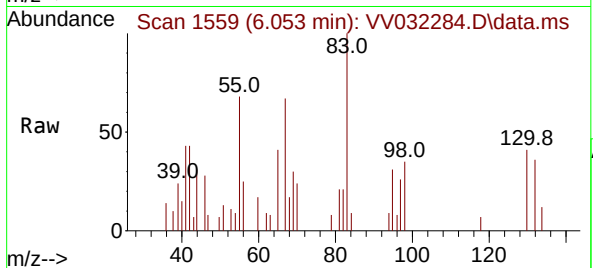
Tgt Ion: 83 Resp: 3263

Ion Ratio Lower Upper

83 100

55 79.0 64.2 96.2

98 45.1 39.6 59.4



#42

Toluene

Concen: 1.044 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV032284.D

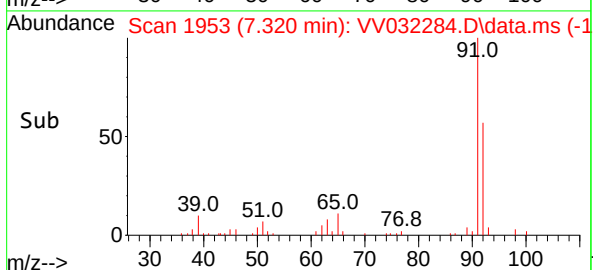
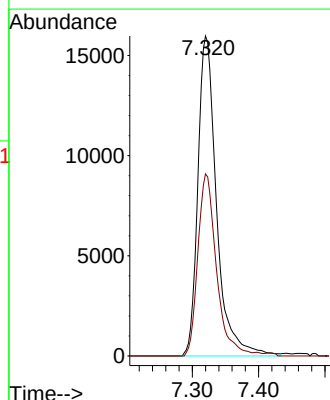
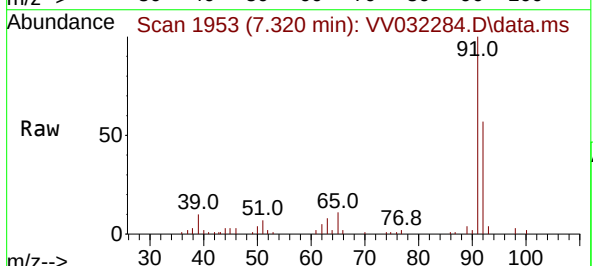
Acq: 06 Oct 2023 05:21

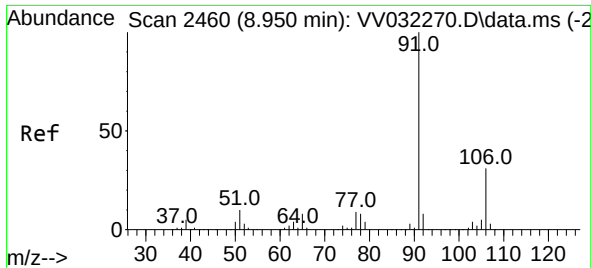
Tgt Ion: 91 Resp: 31268

Ion Ratio Lower Upper

91 100

92 56.9 40.8 75.8

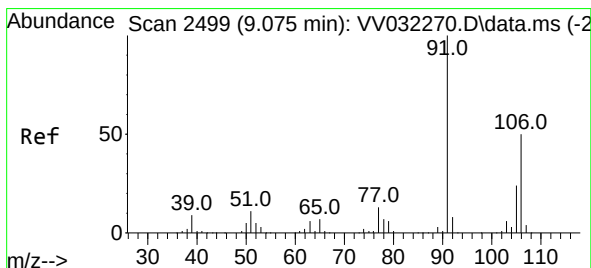
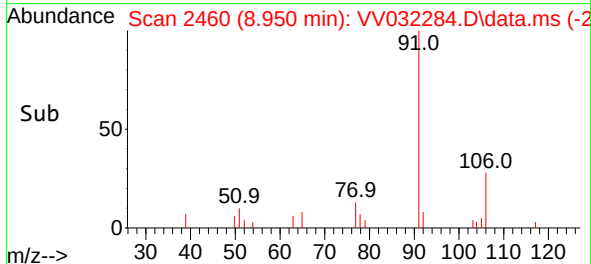
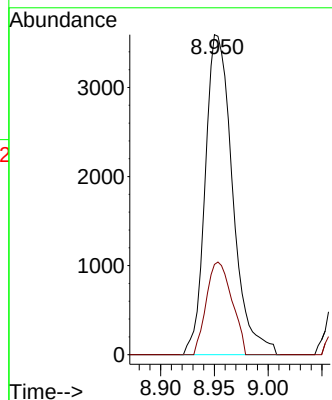
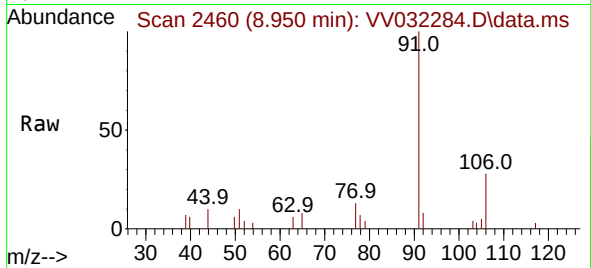




#52
Ethylbenzene
Concen: 0.191 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

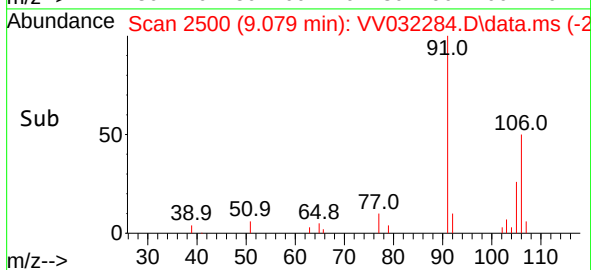
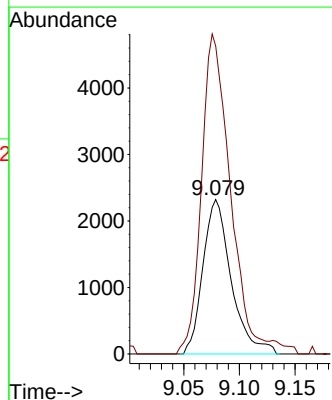
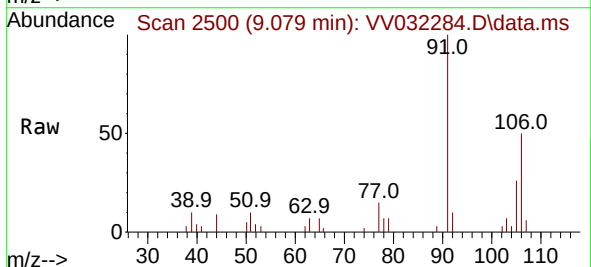
Instrument :
MSVOA_V
ClientSampleId :
EX868

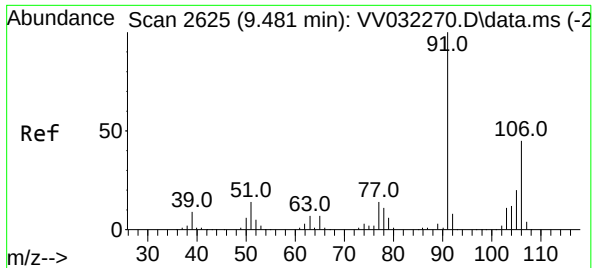
Tgt Ion: 91 Resp: 6367
Ion Ratio Lower Upper
91 100
106 28.2 21.3 39.5



#53
m,p-Xylene
Concen: 0.333 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion: 106 Resp: 4114
Ion Ratio Lower Upper
106 100
91 199.4 144.5 268.3

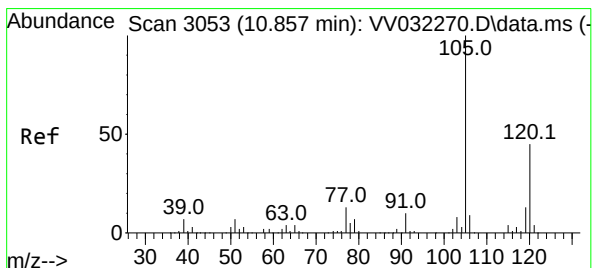
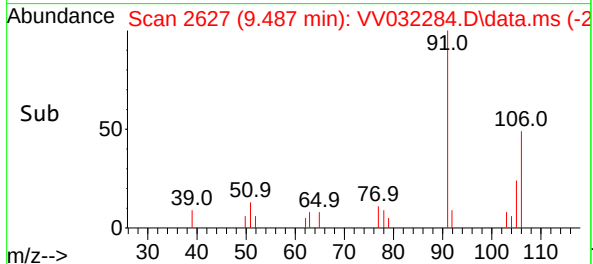
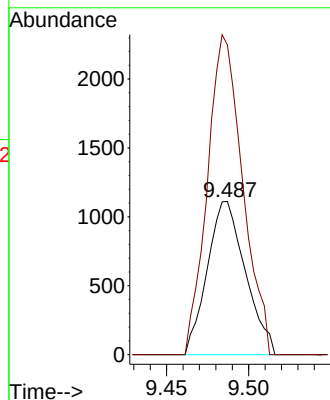
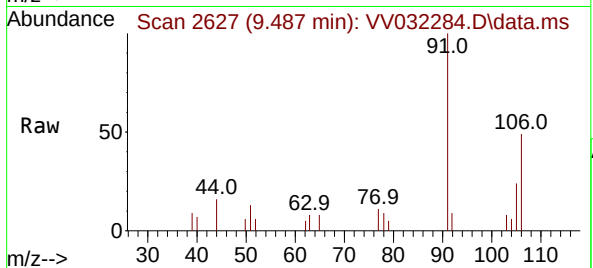




#54
o-Xylene
Concen: 0.151 ug/L
RT: 9.487 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Instrument :
MSVOA_V
ClientSampleId :
EX868

Tgt Ion:106 Resp: 1794
Ion Ratio Lower Upper
106 100
91 202.2 154.8 287.4



#63
1,2,4-Trimethylbenzene
Concen: 0.133 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VV032284.D
Acq: 06 Oct 2023 05:21

Tgt Ion:105 Resp: 2714
Ion Ratio Lower Upper
105 100
120 42.4 36.2 54.4

