

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032285.D
 Acq On : 06 Oct 2023 05:47
 Operator : SY/MD
 Sample : 04774-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX867

Quant Time: Oct 06 06:19:46 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)

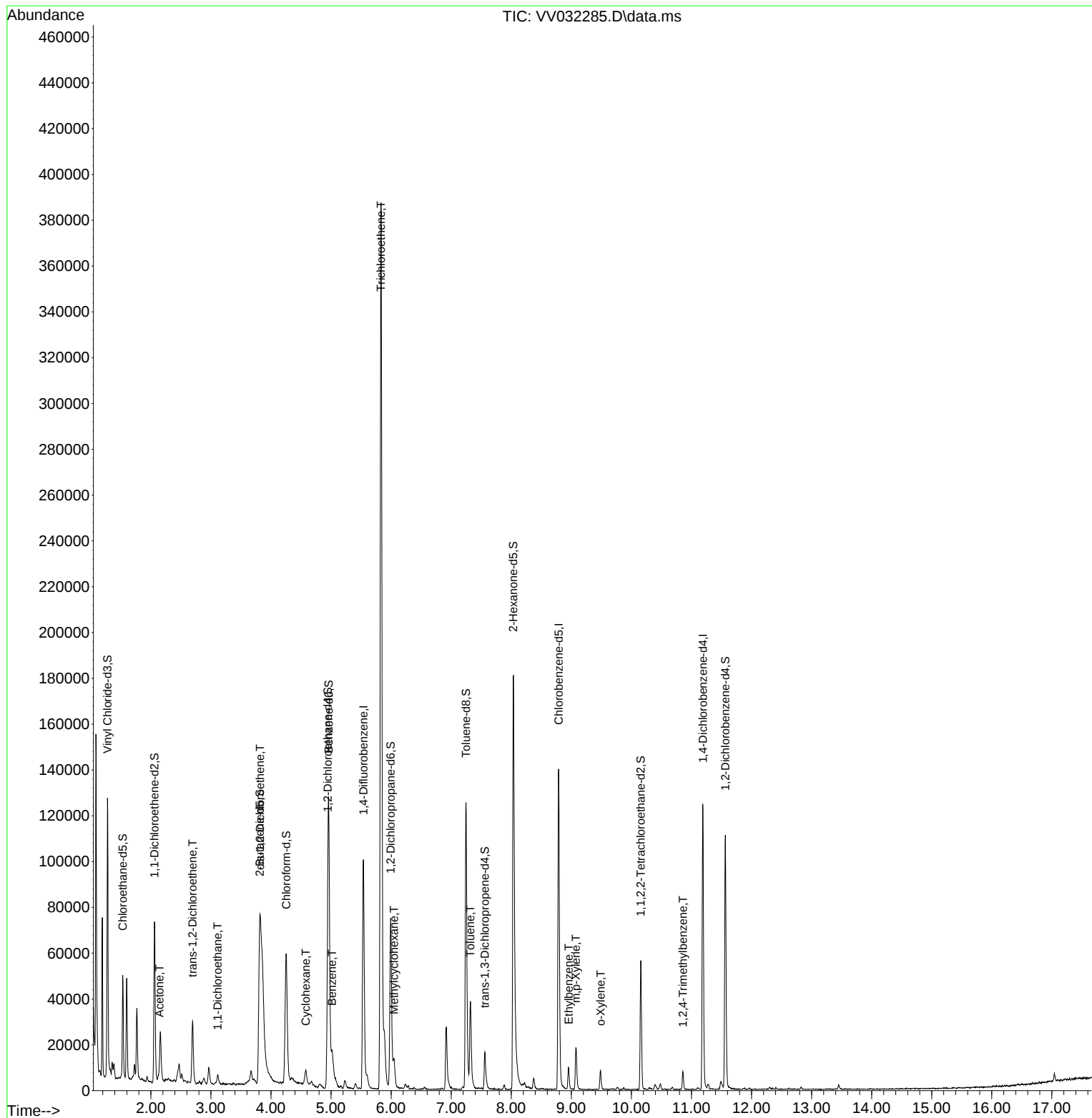
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	86566	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	79673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	32567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29796	4.232	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.532	69	27927	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.060	65	12183	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.812	46	114207	64.126	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.260%
24) Chloroform-d	4.253	84	58859	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.947	65	31186	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.960	84	109924	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.992	67	40210	5.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.246	98	88043	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.561	79	10147	3.687	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.034	63	66682	51.491	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.980%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28374	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	28037	4.639	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
13) Acetone	2.143	43	5276	3.844	ug/L	86
18) trans-1,2-Dichloroethene	2.696	96	7885	1.084	ug/L	91
19) 1,1-Dichloroethane	3.114	63	3906	0.286	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	8769	1.120	ug/L	93
30) Cyclohexane	4.580	56	3342	0.281	ug/L	87
33) Benzene	5.015	78	11172	0.398	ug/L	100
34) Trichloroethene	5.831	95	136645	17.844	ug/L	97
35) Methylcyclohexane	6.050	83	4087	0.345	ug/L #	83
42) Toluene	7.320	91	29095	0.973	ug/L	99
52) Ethylbenzene	8.956	91	6599	0.198	ug/L	100
53) m,p-Xylene	9.079	106	5290	0.428	ug/L	97
54) o-Xylene	9.487	106	2314	0.194	ug/L	84
63) 1,2,4-Trimethylbenzene	10.857	105	4437	0.216	ug/L	97

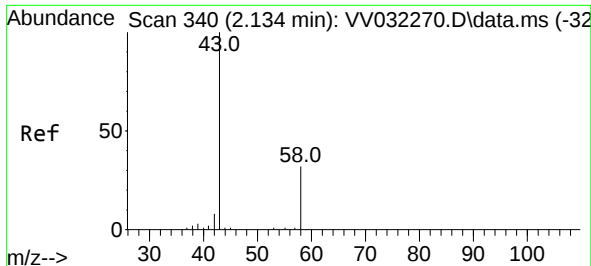
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.844 ug/L

RT: 2.143 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

Instrument :

MSVOA_V

ClientSampleId :

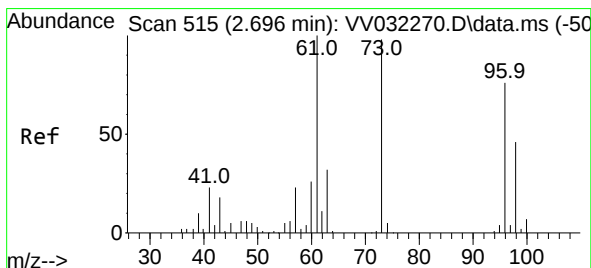
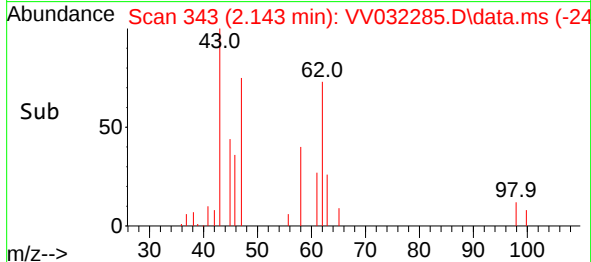
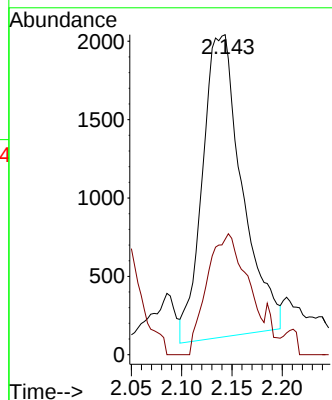
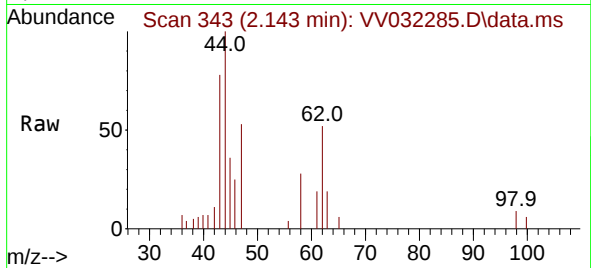
EX867

Tgt Ion: 43 Resp: 5276

Ion Ratio Lower Upper

43 100

58 41.1 0.0 66.0



#18

trans-1,2-Dichloroethene

Concen: 1.084 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

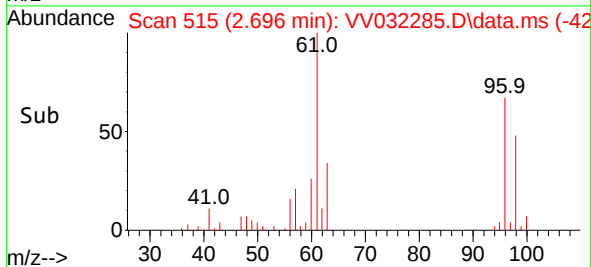
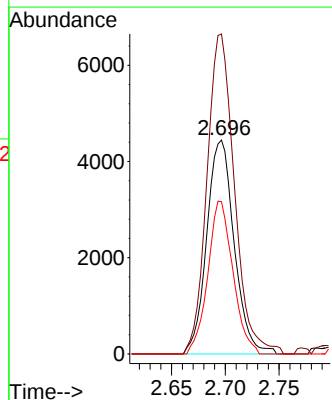
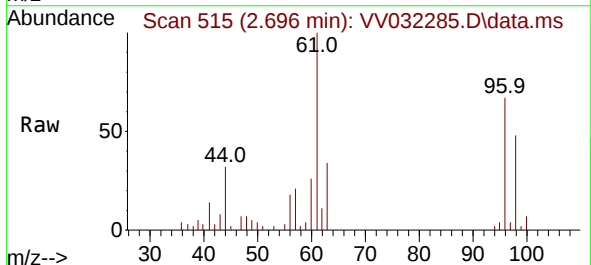
Tgt Ion: 96 Resp: 7885

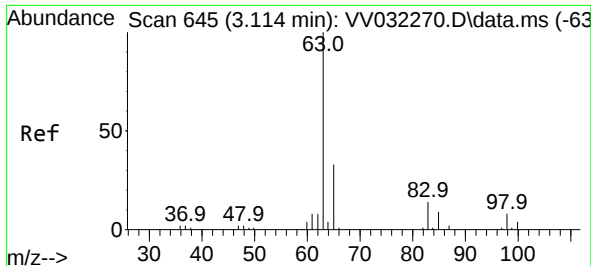
Ion Ratio Lower Upper

96 100

61 149.6 96.9 180.1

98 71.2 45.3 84.1

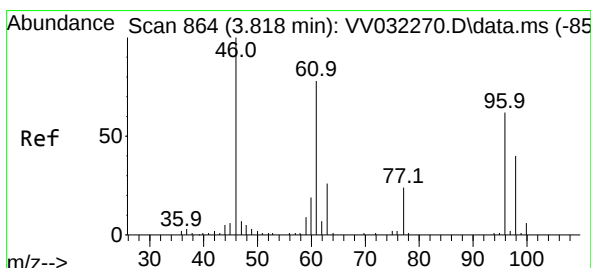
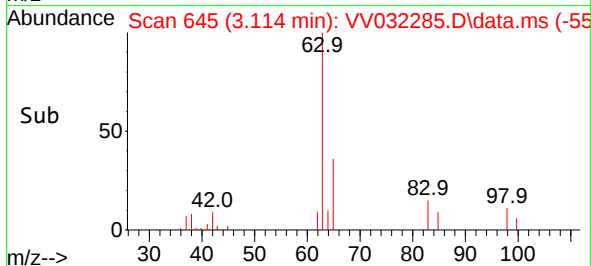
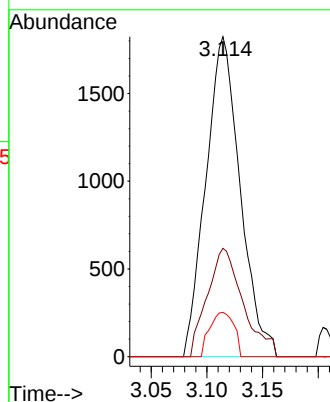
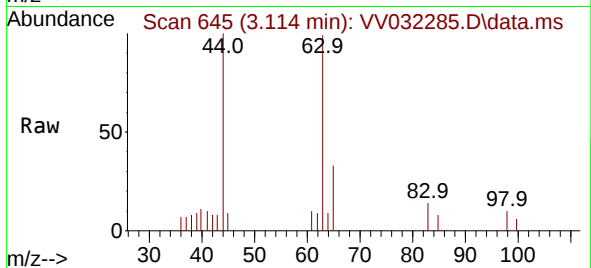




#19
 1,1-Dichloroethane
 Concen: 0.286 ug/L
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV032285.D
 Acq: 06 Oct 2023 05:47

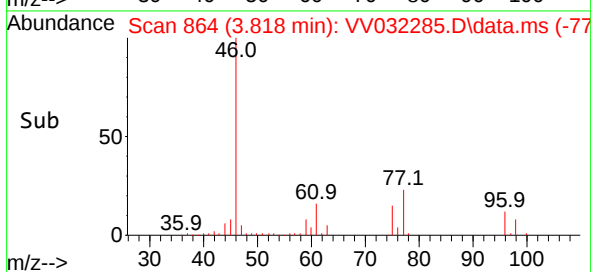
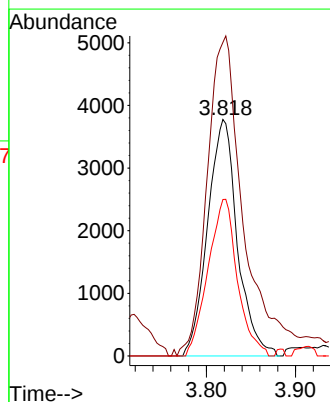
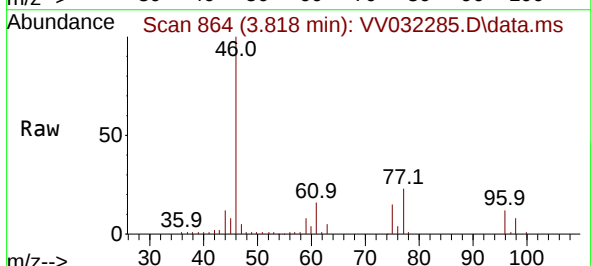
Instrument :
 MSVOA_V
 ClientSampleId :
 EX867

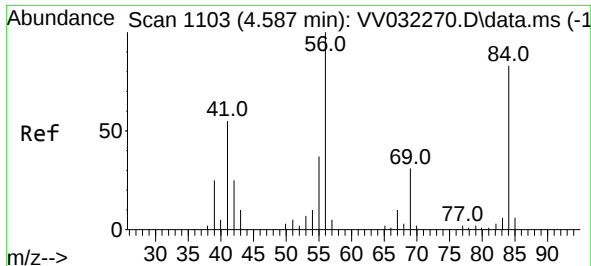
Tgt Ion:	63	Resp:	3906
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.3	41.5
83	13.8	9.0	16.6



#22
 cis-1,2-Dichloroethene
 Concen: 1.120 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV032285.D
 Acq: 06 Oct 2023 05:47

Tgt Ion:	96	Resp:	8769
Ion	Ratio	Lower	Upper
96	100		
61	132.6	85.8	159.4
98	66.2	44.0	81.6

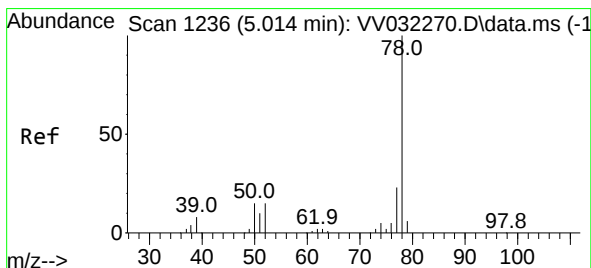
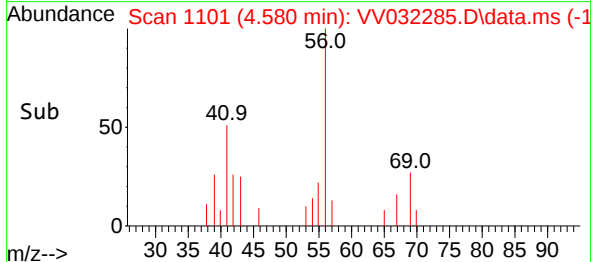
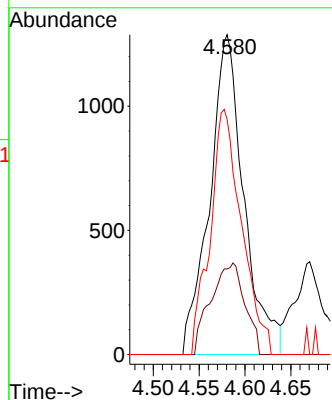
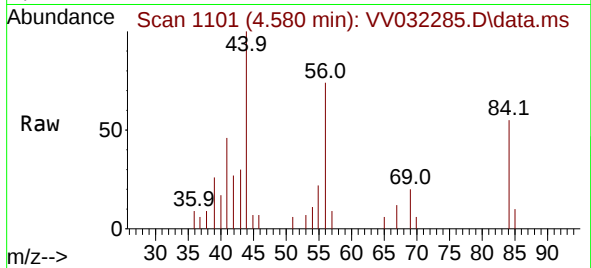




#30
Cyclohexane
Concen: 0.281 ug/L
RT: 4.580 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

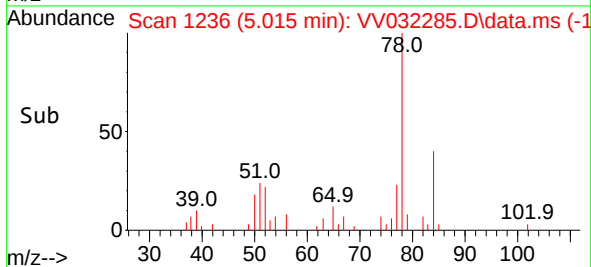
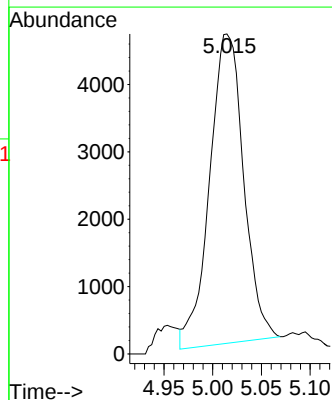
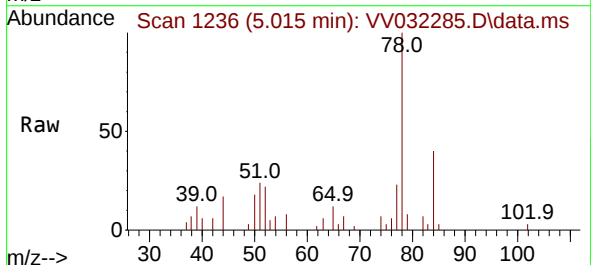
Instrument :
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EX867

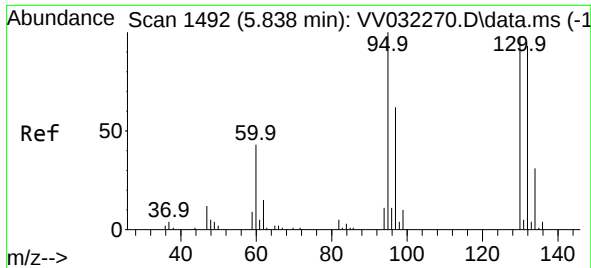
Tgt Ion: 56 Resp: 3342
Ion Ratio Lower Upper
56 100
69 28.6 24.2 36.2
84 70.5 68.1 102.1



#33
Benzene
Concen: 0.398 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

Tgt Ion: 78 Resp: 11172

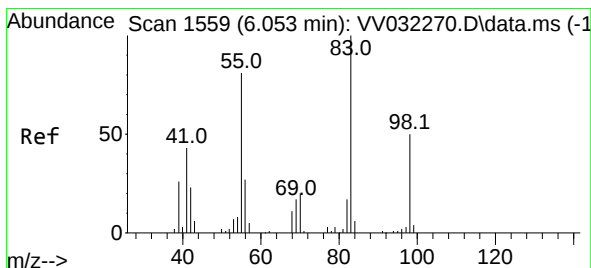
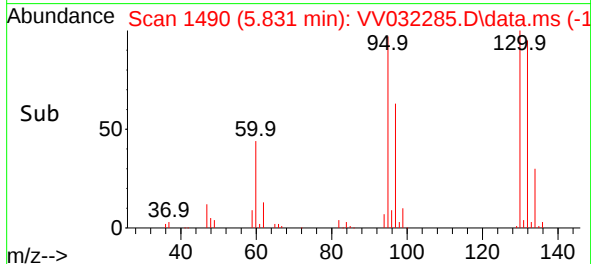
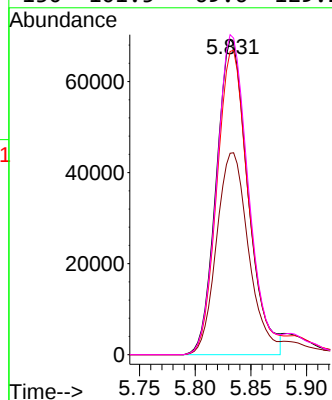
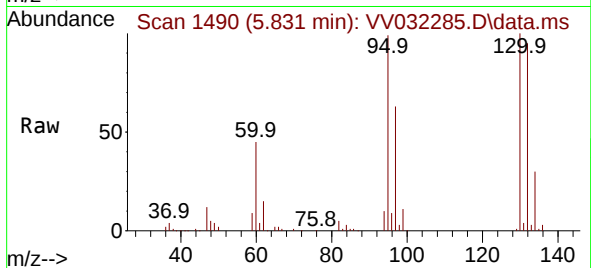




#34
Trichloroethene
Concen: 17.844 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

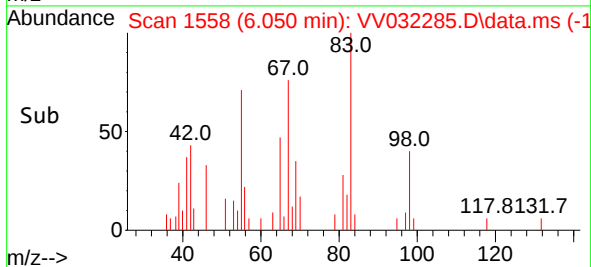
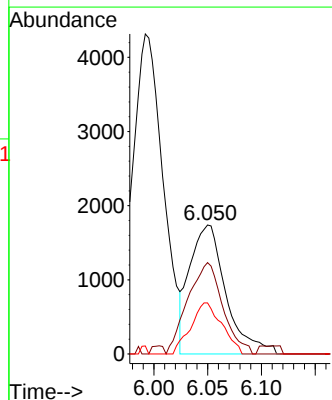
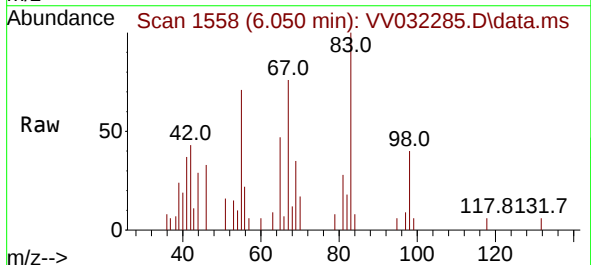
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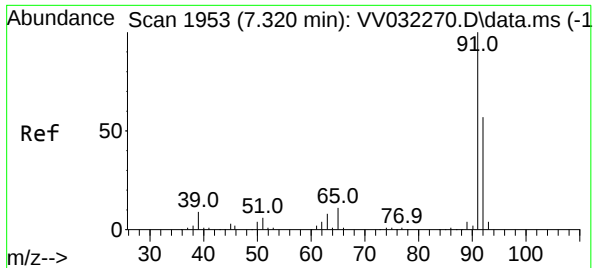
Tgt Ion: 95 Resp: 136645
Ion Ratio Lower Upper
95 100
97 63.9 45.7 84.9
132 96.1 70.3 130.5
130 101.5 69.6 129.2



#35
Methylcyclohexane
Concen: 0.345 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

Tgt Ion: 83 Resp: 4087
Ion Ratio Lower Upper
83 100
55 68.4 64.2 96.2
98 33.9 39.6 59.4#





#42

Toluene

Concen: 0.973 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV032285.D

Acq: 06 Oct 2023 05:47

Instrument :

MSVOA_V

ClientSampleId :

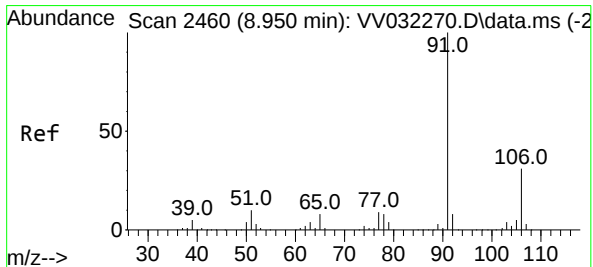
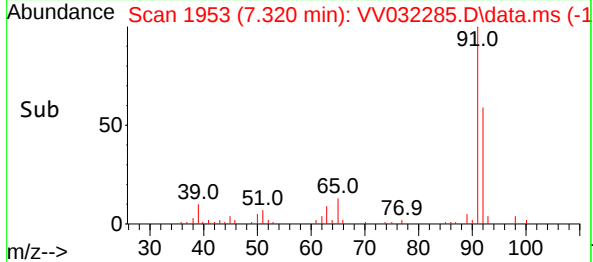
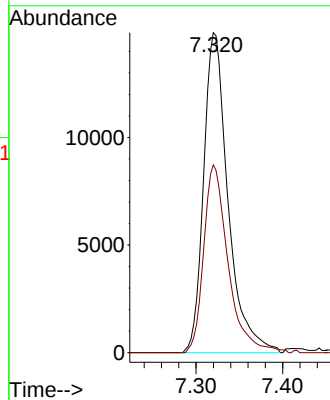
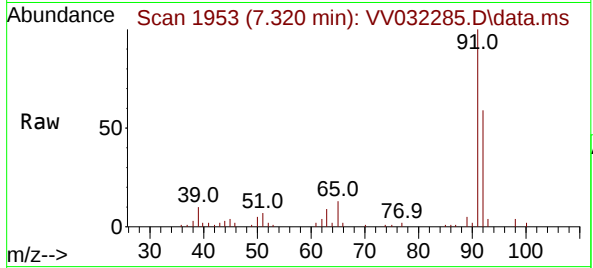
EX867

Tgt Ion: 91 Resp: 29095

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#52

Ethylbenzene

Concen: 0.198 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.006 min

Lab File: VV032285.D

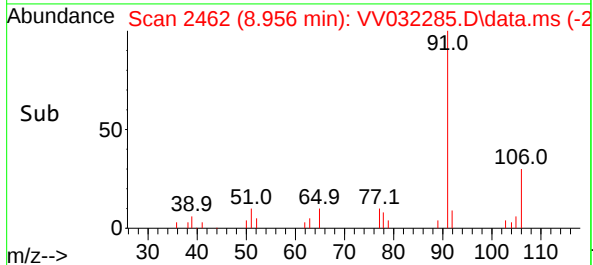
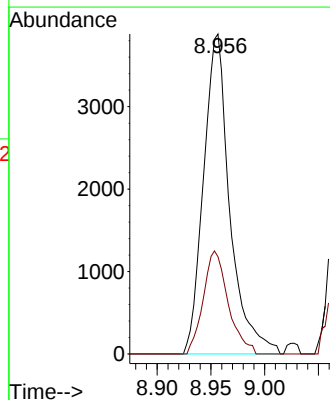
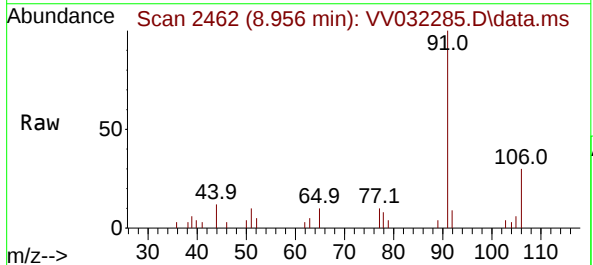
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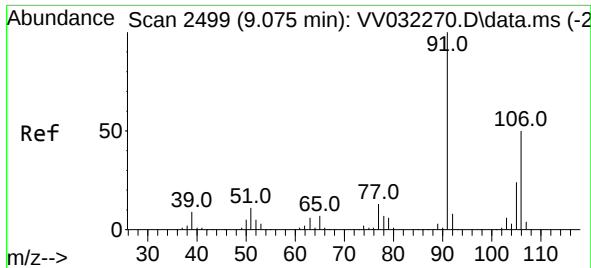
Tgt Ion: 91 Resp: 6599

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5

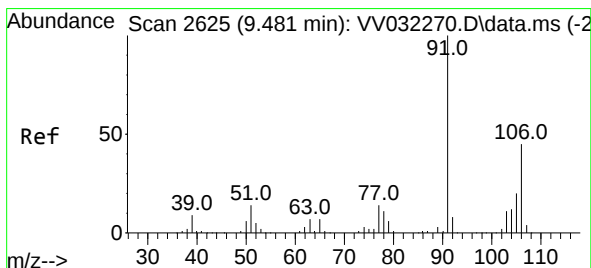
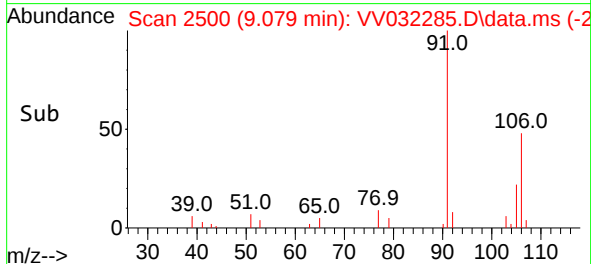
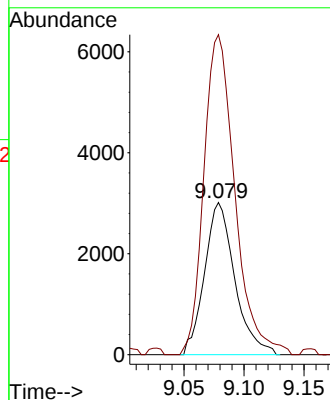
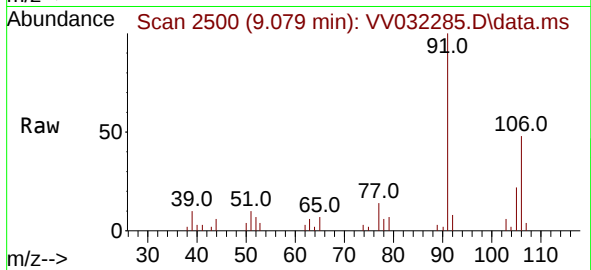




#53
m,p-Xylene
Concen: 0.428 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

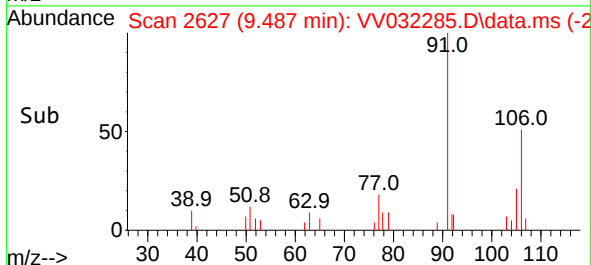
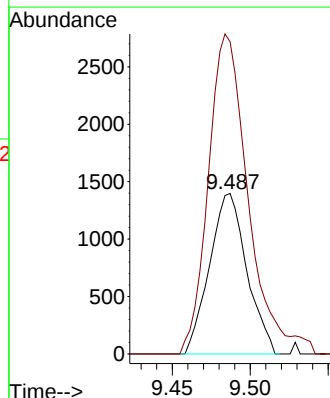
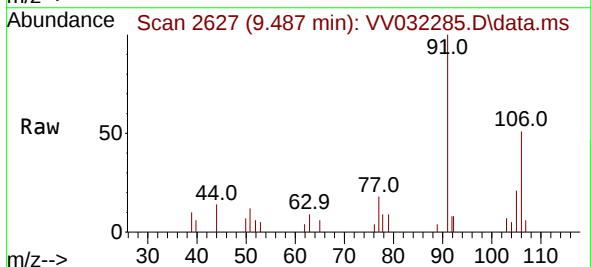
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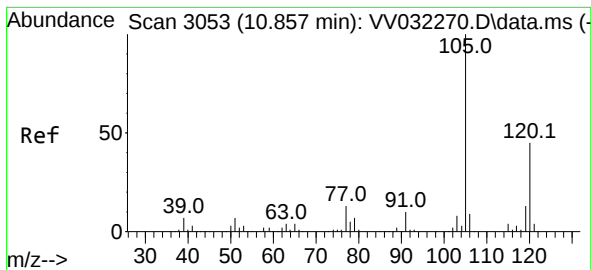
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Ion Ratio Lower Upper
106 100
91 210.3 144.5 268.3



#54
o-Xylene
Concen: 0.194 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032285.D
Acq: 06 Oct 2023 05:47

Tgt Ion:106 Resp: 2314
Ion Ratio Lower Upper
106 100
91 194.6 154.8 287.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.216 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VV032285.D
 Acq: 06 Oct 2023 05:47

Instrument :
 MSVOA_V
 ClientSampleId :
 EX867

Tgt Ion:105 Resp: 4437
 Ion Ratio Lower Upper
 105 100
 120 43.3 36.2 54.4

